



COMPUTER ENTHUSIAST CATALOG

for Amiga and Atari ST

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See Page 12



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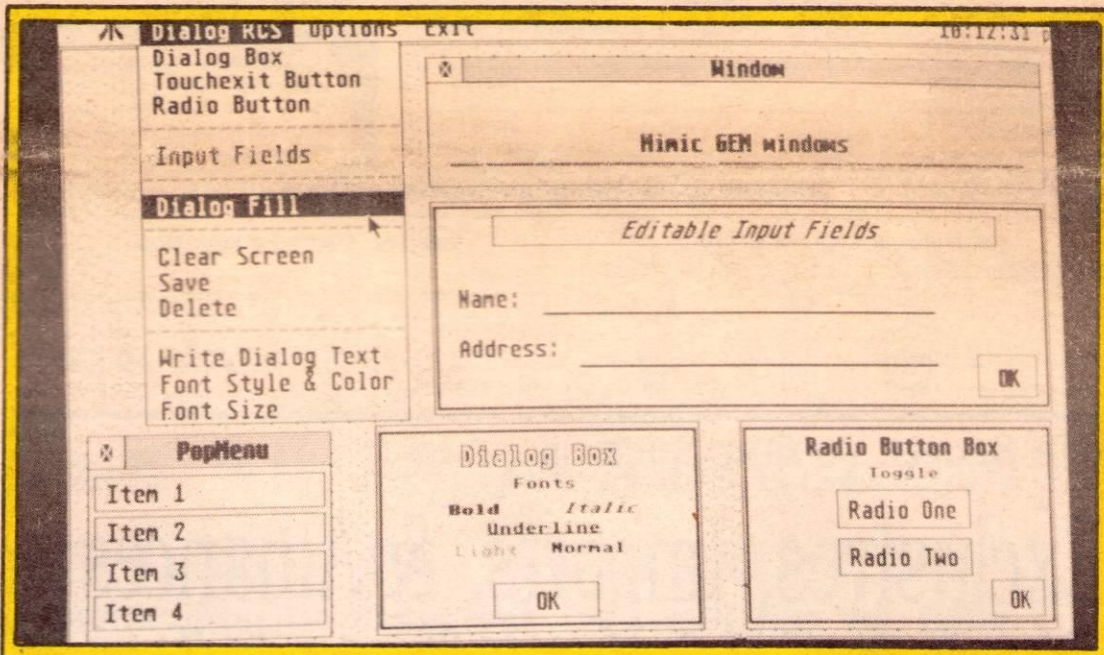
Loads/Dumps Accessories W/C Rebooting or Quitting Applications

Page 4

Dialog Box Constructor

Professional Looking Results From Your GFA BASIC Programs

Page 11



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See Page 3

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See Page 12
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The Secret To Our Success

Exclusives, Imports, & Alliances

After 5 Years It Just Gets Funner & Funner!

by Eben Brown.

The start of our 5th Summer marks many exciting developments for Atari ST and Amiga computer owners! Thomas Woods has finished our ST version of *FINDEX V*. The Multiple Keyword Logic aspects of this software are something you simply *MUST* have. Insight Software has finished *Flexcessory*, the load and dump on the fly utility manager. You can actually change your accessories from within an application without re-booting or quitting! Derrick Hall has finished his *Dialog Box Constructor* for GFA BASIC. The flexibility of this utility is beyond anything offered before.

Amiga and ST owners alike with be happy to see the new *Mouse Master*. It makes mouse and joystick connections switch settable and allows for a handy extension to boot! Our E.S.P. partner in England has provided us with an exclusive hand picked assortment of European software... for your pleasure! The new ST *VideoKey* gives color composite to 1040 and Mega STs. The ever popular *MouseBall II* is now available for Amiga as well as ST computers. Publishing Partner *Professional* should be shipping in July... at our UN-REAL low price of only \$119.95. The *ST PictaScan* continues to gain customers as more and more people witness it's excellent results. (I think it's the only scanner that dares to give 10 day free trial terms!). *There are so many exciting products in this catalog!*

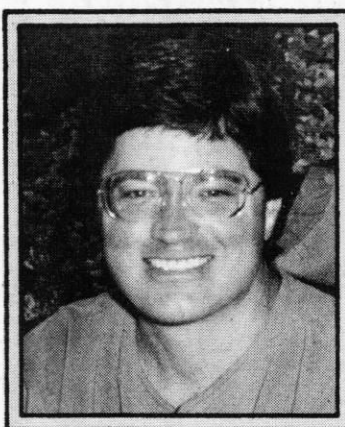
In EABCO's five years of business, we've seen many competitors fall by the wayside. Of course, we try our best to

"Of course we try our best to give honest, fair service... Our customers are probably among the most upbeat, intelligent, and sophisticated people in the world..."

give honest, fair service. But, I have to say we'd be nowhere if it weren't for two terrific groups of people: Our developers and our customers. Developers create the products, of course. We need good ones or our customers won't buy them. And customers? Well, we can't sell this sophisticated stuff to just *anybody*. Our customers are probably among the most upbeat, intelligent, and sophisticated people in the world. Thank heavens we have such people to take an interest in our products and spend their hard earned dollars!

Running EABCO takes alot of coordination (and cooperation) of people and effort. Sometimes, it gets top be alot to handle. But, I wouldn't have it any other way. To be in on such a grand experiment as the "Personal Computer" can only be described as FUN. Sheer joy FUN. And...it just keeps getting Funner and Funner all the time!

Sincerely,
Eben A. Brown
E. Arthur Brown Company



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All COD orders are charged a \$3.00 processing fee along with our normal shipping charges. If supplies necessitate partial shipments, each shipment after the first one will be charged \$1.90 to cover COD fees... but no additional shipping charges will be collected after the initial shipping charge. All COD shipments must be paid for with cash, certified check, or money order. We only ship CODs through UPS in the United States. No foreign CODs will be accepted. If your COD shipment is refused or returned to us for ANY reason, you will be billed for shipping to and from your destination along with the \$3.00 COD fee. No other COD shipments will be sent to you until this charge is paid.

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If you have a problem with any of our products, call our customer service department. Most problems are solved over the phone. However, if you find it necessary to return an item, please:

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Our prices and product specifications are subject to change without notice. If you're not sure of a price or specification, please call or write for up-to-date information. From time to time, we may run advertised specials in magazines. To qualify for these special prices, your order must mention the name and issue date of the magazine. Advertised specials expire one month after publication. We offer no retroactive pricing on discounted items. Discounted prices apply only to new orders and only while supplies last.

10 Day Trial Conditions:

We offer a 10 Day Trial period on hardware items only. Try any hardware item in this catalog for 10 days. If it doesn't work or you just don't like it, send it back within 10 days of receiving it. As long as the product is in NEW condition, in its ORIGINAL CONTAINER, with all INSTRUCTIONS AND DOCUMENTATION INTACT, we'll either exchange it, refund your money, or credit your credit card for the full purchase price less shipping charges. Merchandise that isn't in new condition, or that has modifications such as velcro suckers, rubber feet, tape, etc. will not be accepted.

Our Guarantee:

All hardware items carry manufacturer's warranties as well as our 10 day, money back, free trial guarantee.

All Software/Book sales are final. We can not issue refunds or exchanges for different titles. We guarantee our programs to load and run. Defective programs will be replaced with working programs of the same title. Books are considered to have been read if they were delivered to the customer.

On do-it-yourself kits, we guarantee only that the kit is in operating order. If your computer should be damaged during installation, we limit our liability to replacement of the kit. We cannot guarantee your ability to install the kit.

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Use This Chart Only When Purchasing

Tailgunner's Picks Shareware & Public Domain Disks
All Other Orders Use The Chart Below The Order Blank

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Your ST Desktop Appearance and Power is about to get a BIG shot in the arm: NEO-DESK! Custom design your own icons. Keyboard equivalents to all menu options. The GEM "rubber box" can now go in any direction, 7 windows open at a time (not just 4), window specific search templates, Automatic window formatting (Horiz. scrolling to files appearing off-screen), Expanded INFO feature, 3 way Diskcopy (files only, files w/format, files w/o format), Numerous floppy formats, up to 10 environment strings, Fixed Install Application funtion, Batch Files, Direct Drag to Printer... and more. Order #EAB-NEO

Not Flat Field, Not Relational... Totally New Concept

FINDEX V... For Atari ST

Introducing Multiple Keyword Logic (MKL)... Easily Find What You Need In 2-4 Seconds No Matter Where Your Data Is Located.

Review by Eben Brown

First there were the "Flat Field" programs. They served well enough for name and address-type data. But they took a lot of foresight to set up (ie. setting up the right number of fields with just the right number of characters) and were difficult to change or interact with. Then came the "Relational" programs. These are much more flexible, but also more complicated. In fact, they're closer to being a programming language than a ready-made application... much more figuring than most people want to do.

FINDEX V is something completely different. It's so easy to set up, you can be entering data within 5 minutes of opening the package. Yet, it offers speed and flexibility unmatched by Flat Field OR Relational systems. The creator of FINDEX V, Thomas B. Woods, has for the past 8 years been developing a philosophy he calls "Multiple Keyword Logic" (MKL).

The principle of MKL (and FINDEX V) is that computers should access and manage information like people do. For example: With no conscious set-up procedures, the human brain handles information in an unformatted, disjointed, UNLIMITED manner. Yet with the simplest reference, it is able to find, link, and organize the information it needs in an instant. FINDEX V is designed to operate in this very same way.

With FINDEX V, all you need to do find something is type what you're looking for and press ENTER. In 2-4 seconds a record containing that string of characters will appear on your screen. You don't have to tell FINDEX V what "Field" to search. You don't have to know some special "Key" that also appears in that record. You don't even have to use the correct upper or lower case letters! FINDEX V searches every record for every occurrence of the string of characters you entered... and displays your record in just 2-4 seconds! Find anything from a name and address to a Bible verse... that simple... that fast. Entering data is just as easy. From the COMMAND? prompt, you type "ADD" and press ENTER. An empty screen with a blinking cursor comes up. To enter information, just start typing! You don't have to pre-define fields or field lengths. Just type as much or as little information as you want... kind of like word processing. If 60 lines of 80 characters isn't enough, just continue on another page. When finished with a record press F8 to enter a new one or F5 to return to the main menu. Want to save your data to disk? Plain English... type "SAVE" and press ENTER.

Un-Organized and Organized... All At Once.

If you've gotten the impression that FINDEX V can manage information in totally un-organized formats, you're right. It can also be super organized or it can be partially organized and partially un-organized. For example, you might set up records so that each one has the same type of information occurring on the same lines in each record. Name on line one, Address on line two, City and State on line three... etc. This type of uniformity allows for sorting and defined output capabilities when they're needed for data merging, report generating, and form letters.

You can set up entire records specifying certain information for every line using a formatted data entry form you design yourself... super organized yet retaining the flexible MKL capabilities that give fast, easy data access.

Probably a more common arrangement (at least for me) is to use a combination of formatted and un-formatted data. The first few lines of each of my records has name, address, and phone information. But the rest of each record is dedicated to comments, memos, notes, and references. I just add information at will without concern for creating Flat or Relational "fields". When I need mailing labels, form letters, or reports, I have that information organized for sorting and accurate printing. But when I just need quick access, I have all of my notes and memos in view in 2-4 seconds.

File Capacity

Unlike traditional field oriented data storage, FINDEX V records take up only the amount of space used... no more and no less. This amounts to tremendous memory savings. A 512K Atari ST will manage approximately 2,500 names and addresses or 50 full pages of text. A 1 Megabyte Atari ST will manage about 5,000 names and addresses or 100 full pages of text.

The interesting thing about this is that the capacity and flexibility of FINDEX V lets you put all kinds of record types in the same file. Personally, I have my vendors, dealers, personal acquaintances,

"FINDEX V works like your own brain. It's easy, natural, and FAST. It's MKL technology can be applied to your new or existing data base with no sweat. And, if all of that doesn't make you happy, YOU CAN SEND IT BACK FOR A REFUND!..."

inventory, club membership, church membership, public domain contacts, appointments and catalog deadlines calendar, various documents and form letters... you name it and I have them all in the same file for ready access in 2-4 seconds. There is no faster nor more versatile reference that I know of in the world!

File Compatibility

Will you be able to use your existing data in FINDEX V without manually keying it in? YES! Will FINDEX V data be compatible with other systems if you want to exchange information with someone who doesn't use FINDEX V? YES! FINDEX V supports ASCII(text), Flat Field, and Delimited file formats for import or export... it's an easy process, too.

There's Much Much More!

I've covered the most obvious MKL related features, but FINDEX V has many more. TOKENs can be defined for single key entry of entire strings of text. Sophisticated reports and form letters can be generated using the FORM command. FINDEX V is compatible with text files from any word processor... or generate text directly with FINDEX V. (Ever hear of a data

base that can double as a word processor?) Nth Name Select allows for statistical sampling of your records. STATs and Tallys allow for numeric analysis of data. Formatted Data Entry allows you to "Fill In The Blanks" of custom designed data forms. A special DOS batch file feature allows you to exit to and perform DOS functions, then return to where you were in FINDEX V. No copy protection... install on your hard or floppy drives with no hassle.

MONEY BACK GUARANTEE!

Money back on software? It's unheard of, but true. You must be perfectly satisfied with FINDEX V and it's MKL Technology, or you can return it for a refund. FINDEX V... Software so good it carries a money back guarantee!

The Pitch...

FINDEX V works like your own brain. It's easy, natural, and FAST. It's MKL Technology can be applied to your new or existing data base with no sweat. And, if all of that doesn't make you happy, YOU CAN SEND IT BACK FOR A REFUND! What have you got to lose? Order FINDEX V today!
298-615 ST FINDEX V 2 lb. \$49.95
298-620 PC FINDEX V 2 LB. \$49.95

What People Say... About FINDEX

"I have at my disposal Dbase III and Smart but only use FINDEX. This software is so easy to use and versatile, I have no need for anything else. Setting up your files and the search function are fantastic..."

- R.W., Girard, OH

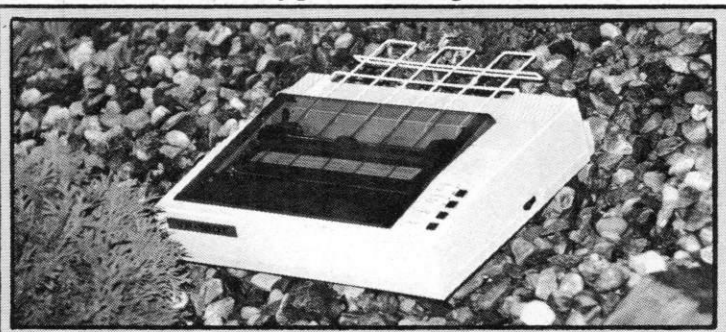
"FINDEX is able to store the same amount of information in half the space of Dbase III+. Searches are quicker and more flexible because FINDEX has no need for indexed fields."

- Al Harberg, DP Directory Mailing Lists
Glastonbury, CT

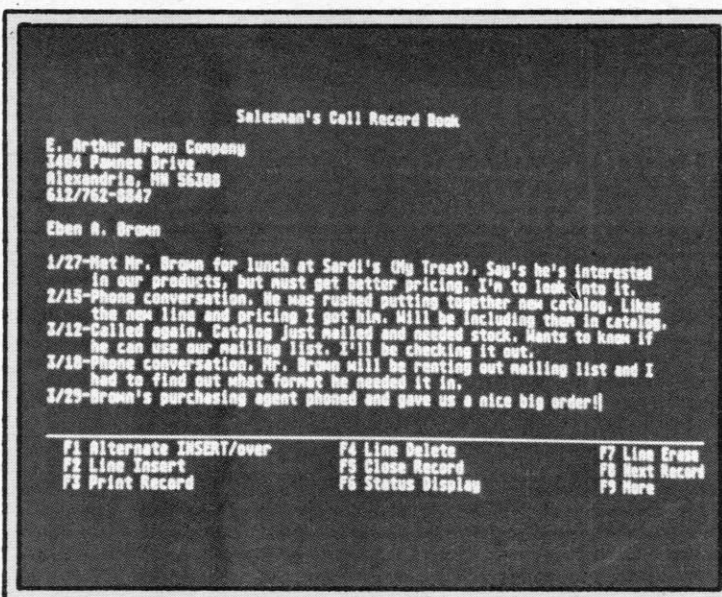
"I use FINDEX for everything from a daily planner to a recipe file. I never have to worry about trying to foresee what kinds of fields I might one day want to use to look up information... I can look up infor under ANYTHING!"

- C. Mathew Bormuth, Laramie, WY

160 CPS Printer... \$199.95
Includes Tractor/Friction Feed, Too!



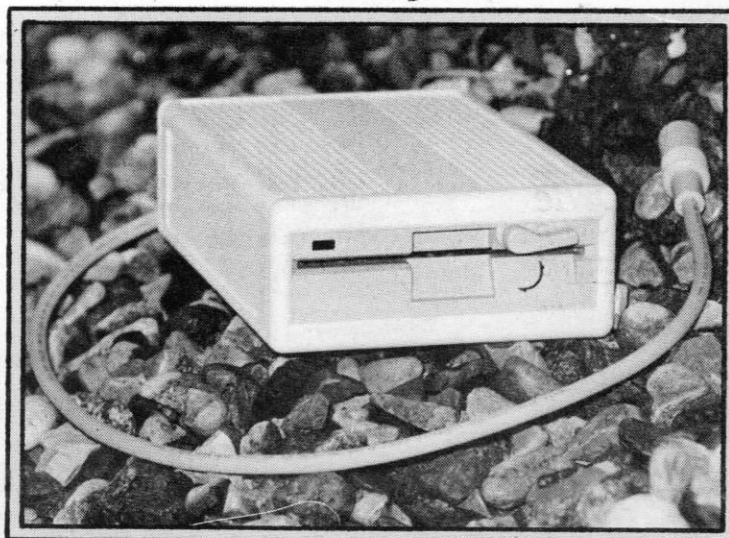
Our VP 160 printer is probably the best bargain of the Summer. With both tractor and friction feed, it prints at 160 characters per second in draft mode and has a near letter quality mode to boot. Unique "Square Dot" feature gives better quality draft mode than other printers. Epson FX compatible for text and graphics. Also has switchable IBM character set. Full features include italic, condensed, enlarged, super and subscript, bold, underlined...etc. A full function printer made for us by Shinwa... carries a full 6 month warranty. An excellent printer for only \$199.95. Order your's today.
130-300 VPI60 Printer 15 lb. \$199.95



A Typical FINDEX V Record...

Some information is organized for easy report generation. Other Notes & Memos can be added anywhere at random... like jotting into the pages of an 9 X 11 notebook.

The Prettiest ST Floppy... Assemble It Yourself and Save!



by Eben Brown

Just because you save some money assembling your own ST floppy drive doesn't mean it has to be ugly! Our new Ultima half height floppy case makes your drive look better than many commercial products! It comes complete with special mounting rails, screws, and molded front and back fairings that hide all of the screw heads! Mount any standard half height floppy drive unit including 5.25" and 3.5" (3.5's must have half height chassis). In addition to the case, you'll need a power supply and our ST/PC cable w/Software. Since the case is designed for an external power supply, you can use your Atari ST floppy power supply... just modify the plug (included with case). Or, you can order one of our external power supplies with the plug already modified. And of course, our ST/PC Floppy Cable presents the best deal around!

Direct connection to standard 34 pin PC-type floppy drives plus stepper setting/formatting software for both 5.25" and 3.5" drives. PLUS, a free copy of our ST 5.25" Drive And Emulation Manual... featuring drive assembly instructions, cable pinouts, modifications for several types of drives, and tips for using PC-Ditto. Whether you need all of the components or only some of them, EABCO has what you need. YOU can have The Prettiest ST Floppy... Order your drive assembly components today!
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127-404 ST/PC Floppy Software 1 lb. \$16.95 (Includes ST 5.25 D/Em Manual)
127-403 ST/PC Floppy Cable 1 lb. \$39.95 (Includes Software & Manual)
127-514 +12/+5 Volt Power Supply 2 lb. \$9.95
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For PC Emulation Or An Alternative Drive System

ST/PC Floppy Cable Includes Operating System Software

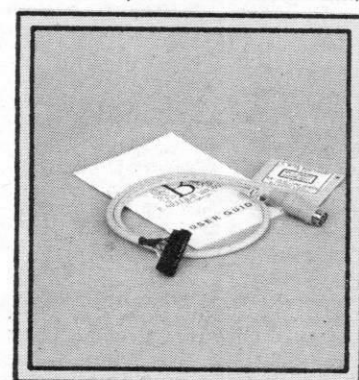
If you want to run PC-Ditto with your ST, you just about HAVE to have a 5.25 inch drive. Almost all PC software is in 5.25" format and it's cheaper to get it that way. On the other hand, you might just want to put together a second drive for an interesting project.

Our ST/PC Drive Cable makes hooking up to a 5.25" drive a cinch. Plug one end into the OUT port on your existing 3.5 inch ST drive. Plug the other end onto the standard 34 pin edge connector of a PC-5.25" drive. Load our special 5.25" drive operating system software and Voila! You've got a 5.25" floppy drive working with your Atari ST.

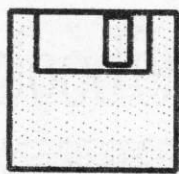
Which drives will it work on? Since the Atari ST transfers data so fast, we recommend a good quality double density drive that runs at 6 msec or faster. Something on a par with the TEAC 55BV 40 Track unit.

Each ST/PC Floppy Cable comes with our 5.25" operating system/formatting

software and a free copy of the ST 5.25 Drive and Emulation Manual. Order Your's today!
127-403 ST/PC Floppy Cable 1 lb. \$39.95
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Public for Atari ST Domain

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MAZER24--Generate easy or difficult mazes for printing out!

WHEEL_19-Wheel of Fortune!

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FRACTALS-Computer generated fractal graphics!

to believe!

MOVIE----Animation you have to see

NEWBIRD--Picture 5 birds flying across the screen in real time!

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GLOBE---Watch the earth spin! One megabyte needed, but can use ss drives! Worth seeing!!

BIRD-----Excellent animation!

SPHERES--One more great animation and graphic demo for the ST!

EASLDEMO-Have a picture behind your desktop! This is a demo of a commercial program.

#PD1-110 GRAFDEMO.003 1 LB. \$6.00

VIDBOINK-Must be seen to be

appreciated! Needs a megabyte of ram.

#PD1-111 GRAFDEMO.004 1 LB. \$6.00

JUGGLER--The Amiga's got nothing on the ST, see the famous juggler in action!

S_BUBBLE-Impressive animation and color!

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MIDI----Public domain midi demo, impressive!

MIKYTRAK-Nifty demo of player, works with midi and monitor's speaker!

MIDISOFT-Working demo of Midisoft Studio.

MSMIDI---Edit your 'Music Studio' songs (even with mono!) to change midi voices. Great for CZ-230S owners (and for owners of other syths that have more than 80 voices!)

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BRDTERM--Public domain TALKING term program!

RLE_VIEW-Allows viewing of Run Length Encoded pictures!

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STSPREECH-You type, your ST talks! Lots of fun!

DEGADISP-Flexible display of Degas pictures!

TINYVIEW-Convert Degas pictures to TNY format (much less disk space) and view!

IFFSPC---Converts IFF pictures to Spectrum 512 pictures.

UNITERM--Full featured public domain terminal program. More features than many commercial programs!

KISSTERM-Working demo of a full featured terminal program!

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HANAB
HURICANE
JUPITER
K9DOG

KID-----A collection of some of the best pictures ever produced on the ST, in TINY format with slide show!

Start Your Own Collection Now!

Tailgunner's Picks... The Best Of Public Domain

You should know that most folks who want to sell you public domain and shareware disks make every effort to get as many disks as they can, with as much software as they can, for your selection. What this really means to you is that YOU have to filter out all the undesirable and useless stuff yourself! YOU get to buy three or four similar sounding disks to find one that is really what you want (if you're lucky).

We do things a little differently around here! Our man, *The Tailgunner*, has

been haunting the BBS's and networks for years searching for QUALITY Public Domain and Shareware programs. He downloads just about everything, evaluates it (and throws away bad stuff), sorts it into similar categories, writes a brief description of it, compresses it to take less disk space, and then crams as much as he can onto each disk. We only make available what he approves of. And, our list of disks is small. But you can darn well bet you won't be disappointed in any disk containing *The*

Tailgunner's Picks!

We'd like you to understand that we're not selling the software on these disks. It's Public Domain and you can download individual titles free from BBS services... if you want to spend alot of time and telephone money doing it yourself. Acquiring top drawer Public Domain from *The Tailgunner's Picks* is just a whole lot easier and less expensive.

#PD1-100 ACCESSRY.001 1 LB. \$6.00

Fewer disks will hold more data!

FRE_RAM--When you click on this one, you'll know how much free ram you have left to play with!

GEMTERM--A simple but useful terminal emulator so you can go 'online' any time while you're working!

GETDEFS--You don't need the CONTROL panel to keep those colors set the way you like, this will take care of it for you!

MEGA WAT--An unfinished (but what's there is great!) multi-function desk accessory!

MELT-----Click on this and watch the desktop 'melt' on the screen. Worth seeing more than once!

MOBZUTIL-Disk functions at your fingertips!

NEWCNTRL-Atari's latest version (as of January 88)

NOTEPAD--A simple but useful note pad when you need one!

NOTEPAD2-Similar to the one above, but different, you choose!

PRINTS---Set your printer up the way you want anytime!

PROCALC--The best 'programmer's' calculator I've seen yet! Great for those of us who don't program tool

PWACC----Your password will allow no one else access to the files on your hard drive!

SCHIZO---Multi-funtion desk accessory that's become a favorite!

SCRSAVER-Save your monitor from 'burn out' with this handy tool! Turns the screen off (all black) if you leave your machine unattended.

SI_RAM---Without a doubt, the best accessory ramdisk/print-spooler yet!

TI59CALC-An incredible calculator! Looks as good as it works!

TINYTOOL-Memory and/or Disk editor for the curious!

#PD1-101 UTILITY.001 1 LB. \$6.00

410KFRMT-Formats disks at 410K per side.

ACCLOAD-Auto folder program to allow selection of accessories on bootup.

ARCHIVE-The complete 'ARC' file, with documentation & GEM shell.

AUTODAT2-Auto folder program prompts you for time and date at boot. Works with eStc clock card also.

BYTEFREE-Running this program tells you free ram available.

CONTENTS-Lists all files, folders, and files within folders to a disk file.

AUTOPSY--Find out what went wrong after a crash!

COLOR512-Edit your own pictures with a separate palette for each of the 200 scan lines in low rez!

DE_ARC---Makes unarcng a file or files a snap!

DIR-----Gives complete directory information!

DISKCAT--Catalogs the whole disk!

DCOPY19-Great command line utility with many features. One of the best!

DISKLABL-Prints disk labels with contents of disk!

DISKMECH-Very nice disk editor and utility.

DISKTOP2-Great disk librarian. Sorts, searches, etc., reads directory (no typing!)

EPSONSET-Auto folder program to set screen dump for Epsoms & compatibles.

ETERNAL-One of the very best reset-proof ram disks. Easily

configured for default, and/or at bootup.

FORMAT3-Formats disks for faster reading, as well as standard.

MEGAMI15-Great Auto folder program provides reset-proof ram disk, print spooler, and more. All user configurable!

PCOMMAND-One of the best command line interpreters.

PRINTDIR-Prints entire contents of disk on a single sheet of paper.

#PD1-102 UTILITY.002 1 LB. \$6.00

DISKLIB--Simple but useful disk librarian.

FILEFIND-Locates the file for you!

LOADRAM--Puts what you want on a ramdisk for you at bootup!

LOANANLY-A very nice loan analysis program.

LOOKER---Picture viewer with multi-resolution talents!

MEMORY---Memory jogger keep notes etc. for you.

MENUKIT--Construct your own menu so you can run any GEM program on the disk by selecting from the menu!

SHOWME--A worth while utility for viewing files on the screen.

SHUFFLER-Makes moving files around on a disk simple and quick!

#PD1-115 TINYPICS.002 1 LB. \$6.00

MICKEY3
MIRIA1
MOON2
MOON3
MOONWLK
MRX
MUSHROOM

NIXON
OPUSBILL
SABEGIN
SATURN3
SHUTTLE
SPACEGUN
SPACEMAN

SUPMAN
WHOBX
WILEY
WORMWALK
Z-----More of the best pictures, in TINY format with TINYVIEW!

You've Drawn Pictures, Played Games, Processed Words...

Okay Computer...Talk!

SmoothTalker Software...

Makes Speech Synthesis As Easy As Typing.

Use Speech In Your Own Programs And Text Files!

Review by Eben Brown

Yes, your Atari ST or Amiga can talk! This terrific software actually gives it the ability to SAY exactly what you type. It's called *SmoothTalker* and it really sounds good. The subtle inflections of it's voice and proper pronunciation of text surpass any speech synthesis system I've seen in the

last 5 years.

Use *SmoothTalker* as a talking word processor, a text proof reader, or to incorporate speech into your own programs. Using *SmoothTalker* is simple... you just type what you want it to say! Or, load into it the text you want it to speak.

As you'll see on the rest of this page, *SmoothTalker* has been incorporated into some terrific educational software. Order it today and put some great speech into your computing!(Color)

212-212 ST SmoothTalker 1 lb.
212-311 Amiga SmoothTalker 1 lb.
List \$49.95 Our Price \$34.95

Free Slide Show Offer
Get a FREE Quantum Paintbox Slide Show disk when you order 3 or more public domain disks. Just write "Free Slide Show" on your order or mention it on the phone.

Order Toll Free 1-800-322-4405... Thanks!



ESP European Software Selections

Top European Software Imports ESP/EABCO Bring British Best To the USA!

by Eben Brown

It's pretty common knowledge that the Atari ST and Commodore Amiga are much more popular in Europe than the USA. I don't know why. But whatever the reason, Europe is a real hotbed for ST and Amiga software. And, only a small percentage of it has reached USA distribution channels. So why not more of it?

Well, there are some differences in the machines and some software doesn't run the same because of it. I really think the biggest reason is that European software publishers have more business than they know what to do with... our small USA market maybe just isn't worth their messing with.

Well, this market is certainly big enough for EABCO to mess with. We've linked up with the British firm of

E.S.P. for the express purpose of importing the best that Europe has to offer. The arrangement is such that ESP hand picks the best and most popular

"We need your orders to justify continuing this import service!"

ST and Amiga software, tests it on USA-Type machines, and passes it on to us for marketing in the USA.

You can imagine what with E.S.P. as the middleman and import duties to pay, we can't offer these items as heavily discounted as we'd like. Right now we're just glad to be able to offer them at all! This is something of a trial promotion. If we sell a bunch of this software, we'll pursue it further... find even more great European products. In other words: We need your orders to justify continuing this import service! We've put in a cautious stock of these items which may be depleted quickly if we get a lot of orders. Re-stocking in such case will delay shipping your order 2-3 weeks. There should be no other delay other than the time it takes to re-stock. All of these programs have been certified as finished and shipping by ESP.

Representing outstanding value for money!

ARCADE FORCE 4

An incredible value-for-money collection of four of the top games from US Gold. This pack represents outstanding value for money coupled with hours and hours of playability and arcade fun!

GAUNTLET

Medieval slay-the-monsters-find-the-treasure-rescue-the-princess type arcade action with excellent graphics and digitized sound effects.

INDIANA JONES

All-action arcade fun based on the famous block-busting movie hero. Can Indy survive the horrors ahead of him? Of course he can - with your help!

METRO CROSS

Not just addictive - infectious!! 24 levels of frantic scrolling action where you must direct your little man, avoiding the nasties and staying on track!

ROAD RUNNER

Meep meep! Yes, it's that lovable rogue the Road Runner! Guide our feathered friend through the desert, out run the Coyote!



It's just four great games representing superb value for money! What more can we say?!

\$49.95

ST •

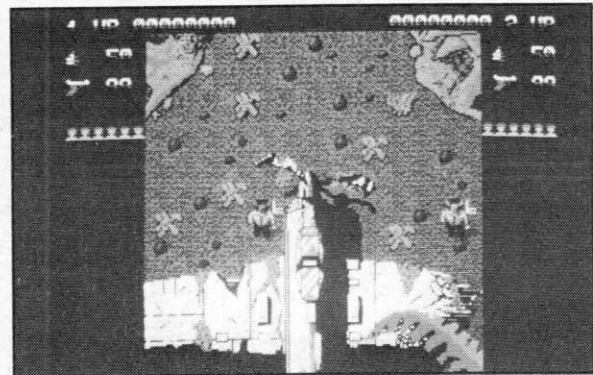
Your Chance To Be A Hero!

IKARI WARRIORS

Somewhere in Central America the US Forces HQ has been overrun by revolutionaries and General Bonn taken prisoner. An all out assault has been ruled out as it would attract too much adverse publicity, so you have been volunteered for the rescue mission!

The enemy troops come in several varieties - all intent on seeing the (unsuccessful) end of your mission. Your bid to free the general may have begun as a secret, but an unfortunate, although spectacular crash landing in the jungle quickly brings the enemy running!

In play, you are presented with a vertically-scrolling, "Commando"-like terrain with colorful, detailed bushes and such. You run up, the enemy pour down. The terrain you negotiate includes jungles, open plains and swamps. Although many areas are flooded and linked by



wooden bridges, you are free to wade through waist deep.

Armed with only the bare essentials (one machine gun with 100 rounds of ammo and 50 grenades) although other, more deadly weapons can be collected. As an expert in the art of survival, you are fully trained to drive any type of transport which you may come across - armoured tanks are not only faster, but safer!

If you're the type who thrives on danger and excitement then Ikari Warriors is the game for you!

\$39.95

ST • PC

Now In Our 7th U.S. Printing!

The Hacker's Handbook

Review by Eben Brown

Salami, Trapdoor, Trojan Horse...

you've heard the terms. They're associated with the shadowy world of "Hackers". *The Hacker's Handbook* explains these and other aspects of the secret world of telecomputing. You'll learn phone, programming, and hardware tricks for zeroing in on unlisted numbers, identifying and analyzing signals with no physical phone tap. You'll see how hackers figure out passwords, access codes, and protocols so they can communicate with unknown remote computers. You'll even find out about short wave radio hacking and packet switched communications.

Beyond all that, the Hacker's Handbook is everyone's guide to the how-tos of using modems with your computer. For once you'll understand the difference between asynchronous and synchronous signals... as well as a great many other mysterious terms. After reading *The Hacker's Handbook*, you should know 10-50 times more about modems and telecomputing than you know now.



With over 60,000 sold so far, *THE HACKER'S HANDBOOK* is definitely a best seller. Our current edition has 169 pages with both U.S. and international technical references. We have the book in stock for immediate delivery, so order today!

Dealer Inquiries Are Welcome!
343-762 Hacker's Handbook 1 lb. \$12.95

**Want It Now? We Charge No Extra Fee
For VISA, Master, Or Discover Card Orders!**

Order Line: 1-800-322-4405

Orders Only. Questions, Problems: 1-612-762-8847

"Destined to become the ultimate 3D game!"

FIRE & FORGET

Conflict and war threaten to destroy the world. Unity must be restored in order to avoid a nuclear holocaust. The government has selected you to be the pilot of THUNDER MASTER, the ultimate fighting machine...

You are our last chance - this could very well be your last mission! Should you refuse...

THUNDER MASTER, a four wheel drive vehicle equipped with a triple turbo v16 engine, will enable you to cross any enemy territories. But beware of enemy mines, hidden bunkers, tanks and helicopters - you will need all your concentration and enemy reserves.

There are six separate wars and you must restore order to each one. Many obstacles stand in your way - your onboard Pico computers with its T8006809080986 Transprocessor will help you detect tanks, mine fields, bunkers and enemy helicopters.

Either way, FIRE & FORGET; never look back. You wouldn't have the time, you are our last chance!!

Photo Not Available

Destined to set new standards in 3D action games - as they say, you'll be a fool to miss it!!

\$39.95

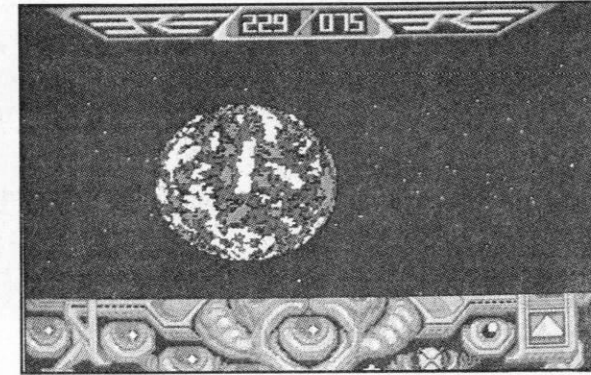
ST • Amiga •

"Oh wow.....!"

CAPTAIN BLOOD

Blood is degenerating. During an accident in Hyperspace Captain Blood in his new, remarkable bio-ship suffered every jump-jock's nightmare - he was cloned! This in itself might not have been too bad if it were not for the fact that so many clones were produced, invoking a gradual cellular degeneration. His only hope of survival is to find all of those clones in the Galaxy and to recover the vital Life fluid drained from him.

800 years later... Captain Blood has managed to recover all but the most elusive five of his clones. Battling against yourself was never easy, only it's now getting harder! Cellular degeneration is starting to speed up - Blood has but 312 Universal Time Units left to locate and destroy the remaining five - now thought of by Blood as "Numbers" - One, Two, Three, Four and that S.O.B., Number Five.



Luckily for Blood he has the most advanced ship in the entire universe! It was remarkable when it was new and it's got even more so with the addition of a strange life form now symbiotically connected to the ship known as the OORXX. This provides Blood with the transport necessary to land on planets and interrogate the locals (and capture those accursed Numbers!).

Captain Blood is literally a masterpiece! Featuring the best flight sequences yet to be seen on an ST - the game play is limitless!

\$44.95

ST • Amiga •

Features music by Jean-Michel Jarre!

European Selections... Order Toll Free: 800/322-4405

BLACK LAMP

The guaranteed happiness of the Kingdom of Allegoria relies on the possession of a set of lamps, the most revered of which being the Black Lamp. These lamps have been stolen and, as predicted, the kingdom has been plunged into poverty and misery. To add to the King's dilemma, his beautiful daughter has fallen in love with this idiot of a jester. Guess who the idiot is!

As Jack (said idiot) you must prove to the King that you are no real buffoon, rescue the Lamps and return them to their rightful place in the Castle. Easy! All in an afternoon's work then it's back for a quick jest before the King and a nice white wedding.....right?!.....GULP!

This is a superb "platforms and ladders"-type of graphical adventure with detailed backgrounds featuring the gothic mansions and various other landscapes which you visit

along your journey. The Kingdom is divided into both indoor and outdoor scenes and the start location is different every time you play so an entirely different game is assured every time.

Black Lamp features large, colorful, animated sprites which take the form of no end of villainous monsters which must be slaughtered if you are to finally wed your love.



By far the foulest foe is the vile old witch who spits green globules at our reluctant hero! Yuk!

\$44.95

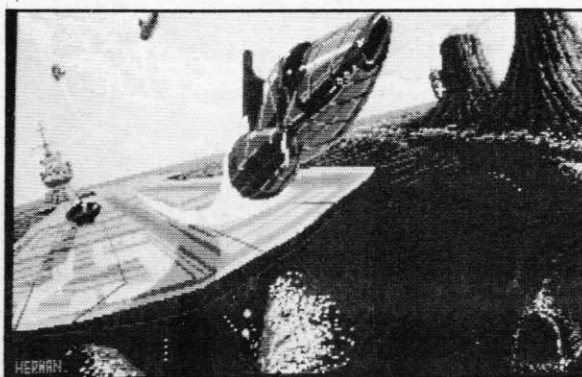
ST •

"A step beyond normal simulations!"

CARRIER COMMAND

In the 22nd century, the Aircraft Carrier does much more than just launch planes! At close range or miles away, it's ability to inflict damage is staggering. Breakthrough propulsion systems put its top speed at over 60 knots. Space-age defense and 360° turret-mounted laser cannon make it virtually invincible.

From the bridge of the future you control the ship itself, a squadron of remote fighters, an amphibious assault division, and a



huge array of onboard weaponry.

- Protect your ship with defense drones and 360° turret-mounted laser cannon with telephoto tracking.

- Conduct your war manoeuvres in a huge territory encompassing 64 islands. Your goal is to capture the enemy complex and destroy its forces.

- Take on the enemy carrier, run a gauntlet of missiles and confront futuristic naval threats

- Dispatch the amphibious assault division to establish beachheads, capture airstrips and missile silos.

- 3D solid-filled graphics, smooth scrolling land and sea-scapes and great sounds and special effects.

Comes with free audio cassette of the original arcade music to recreate that true arcade excitement!

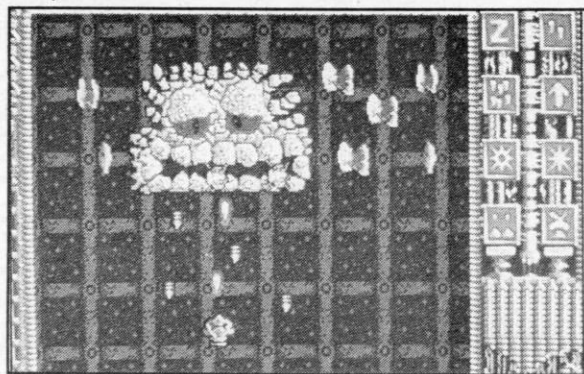
\$34.95

ST •

Order Toll Free

1-800-322-4405
Orders Only, Thanks! Problems, Questions, Call 612/762-8847

BETTER DEAD THAN ALIEN!



Prepare to do battle as you and galactic hero Brad Zoom face the most revolting life forms ever to pollute the universe.

Watch with horror as sickening waves of malformed mutants threaten to obliterate freedom and democracy.

Risk your lunch as you and Brad choose between decency and annihilation.

Your mission is to wipe out Alien waves as they appear in the battle zone. Be prepared to face all manner of unearthly beings. At first some may be destroyed with ease - but don't be deceived; those that come later on can be stubborn and quite, quite lethal!

And then there's the Master Aliens which appear from time to time - your only hope is to collect as many extra battle powers which come your way! Or else it's.....GULP!

It's up to you.

Better Dead Than Alien!

Features amazing sampled sound and masses of sickeningly detailed multi-colored sprites! Two-player option available.

\$39.95

ST • Amiga •

EABCO Moves To Reduce Upgrade Costs

Gives Wholesale Chip Sources... Slashes Empty Board Price!

by Eben Brown

You may or may not be aware of it, but upgrading your Atari ST's memory is beginning to get expensive! The RAM chip market has nearly quadrupled since last Fall and we've been wondering what we could do to keep the process affordable. Here's the plan we've come up with:

Instead of offering our ST Solderless RAM II board with RAM chips installed, we're offering it empty and giving you our source for RAM chips... you can buy the chips at wholesale and save the mark-up we have to charge when we buy them at wholesale. If you want the chips already installed on your board, we will quote you a price, but it will be quite a bit higher than if you buy and install the chips yourself.

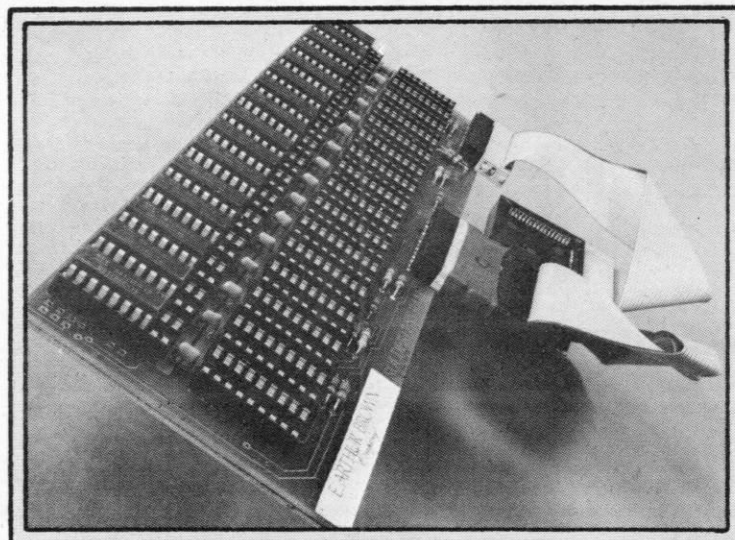
Second, we've cut our profits to the bone and reduced the price of the empty board to \$149.95. This was no easy feat as the ST Solderless RAM II really is the best upgrade available and is expensive to manufacture. The lower price is nice, but it shouldn't be the only reason you choose an ST Solderless RAM II. Here are some better reasons:

Why the ST Solderless RAM II?

Installing it is a cinch! Two connection points on the ST motherboard, no soldering or trace cutting, no damage risk to your MMU socket. Our exclusive MMU Adaptor Board holds your MMU chip and plugs into your MMU socket safely and securely. Our Shifter Adaptor Board holds your Shifter chip and plugs into your Shifter socket safely and securely. Put the case back together and you're finished.

It's 1-4 Megabyte Upgradeable! Two complete banks of 16 sockets (total of 32) allow upgrades to 1, 2.5, and 4 megabytes. Buy the ST Solderless RAM II and you have the upgrade hardware installed. When you're ready for more memory, just get new RAM chips!

Free Software Included! Buy the ST Solderless RAM II and you get free



hardware and RAM testing software, RAM Disk, and Print Spooler! Just the stuff you'll start using as soon as you have more memory!

One Year Warranty! Our designers at AERCO really know how to build quality. From the invention of the MMU Adaptor Board to the 1-4 meg upgrade capacity... they designed the ST Solderless RAM II to be reliable and durable.

330-400 ST Solderless RAMII (512K) \$CALL
(Upgrades 520ST to 1 megabyte)
330-402 Empty ST Solderless RAM II 2 lb.
New Price \$149.95

we pay. And, here are the specifications for the memory you need.

Upgrade to:	Chip Type	Speed	Qty Needed
1 Meg	256K	150 ns	16
2.5 Meg	1 Meg	100 ns	16
4 Meg	1 Meg	100 ns	32

Sources for 256K & 1 Meg Chips:

Microprocessors Unlimited
918/267-4961
Jameco Electronics
415/592-8121
CAL-ABCO
800/321-4484

How To Buy Your Own RAM Chips

It's not as complicated as you might think to buy and install your own RAM chips. Below are some sources who'll sell you RAM chips at the same price

1040 & 520FM Owners: We have 2-4 Meg upgrade board for your computer that's under development. Let us know if you'd like to be notified when it's ready.

1040 Composite Cable

Converts ANY ST RGB Signal To Standard Composite

Review by Eben Brown

Connect ANY Atari ST to standard Composite monitors (color or mono)... even VCRs! This remarkable new composite cable actually converts the RGB signal to crystal clear gray scale composite. It even works on older (no TV port) 520 STs! The display is gray scaled black and white which is crystal clear on monochrome as well as color composite monitors. One of the more beautiful color graphic games, Eidersoft Karate, gave amazingly sharp detail and subtle gray shading... while playing perfectly normal in every other aspect. How does our ST 1040 Composite Cable work? The secret is in it's circuitry. Not a straight through cable, this device actually converts the RGB signal to

composite. Which means simply: IT WORKS ON ANY ATARI ST!

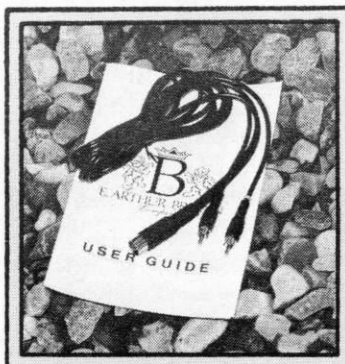
Now you can use your ST in low and medium resolution on cheap color or monochrome composite monitors. No need to buy an expensive RGB monitor just to play low and medium resolution games! It even displays on a TV when plugged through your VCR. Record your displays on your VCR too!

Haven't you done without composite for long enough? Order our ST 1040 Composite Cable today!

127-222 ST 1040 Composite Cable

Wt 1 lb.

\$24.95



Your Monochrome System Is Colorable

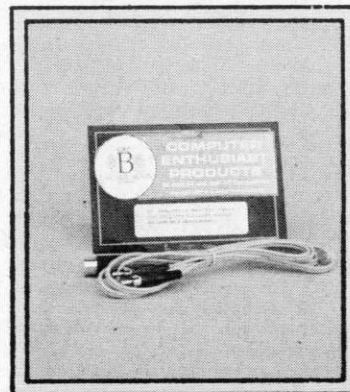
Connect Your ST To Composite Monitors

Gives Complete Audio & Video Compatibility

Our ST Composite Video Cable lets you connect your 520ST to standard color or monochrome monitors. It works in medium and low resolution mode to give you an inexpensive alternative viewing method. Just plug it into your standard 520ST monitor port. Then connect the standard RCA-type connectors to composite video and audio ports on any standard composite monitor. Viola! You now have an alternative! Those of you with monochrome systems will like this cable for color games and graphics! (Note: This cable Works on RF Equipped 520STs).

127-400 ST Composite Cable 1 lb.

\$14.95



ST & Amiga MouseBall II

Replaces Mouse With Desk Space Saving Stationary Ball

Review by Eben Brown

Our MouseBall II replaces your space gobbling mouse with a stationary rolling ball! It moves freely in all directions just like your mouse... but it only takes up 5 X 6 inches on your desk. Roll in ANY direction and your screen pointer/cursor moves that way... just like your mouse. How does it work?

The heavy ceramic ball rolls within it's stationary holder and sensors pick up it's every movement. Roll it up, down, sideways, or in any diagonal direction and your cursor or game character moves those directions on your screen.

Not a Trac-Ball Mouseball is not simply another type of joystick. It's a true mouse emulator... doing exactly what a mouse does. It sits right next to your keyboard and has two buttons like your mouse. But it doesn't require the moving space of a mouse.

Use your MouseBall II with any mouse supported program or game. It's built to heavy industrial standards and will last probably longer than your computer! Order your's today!

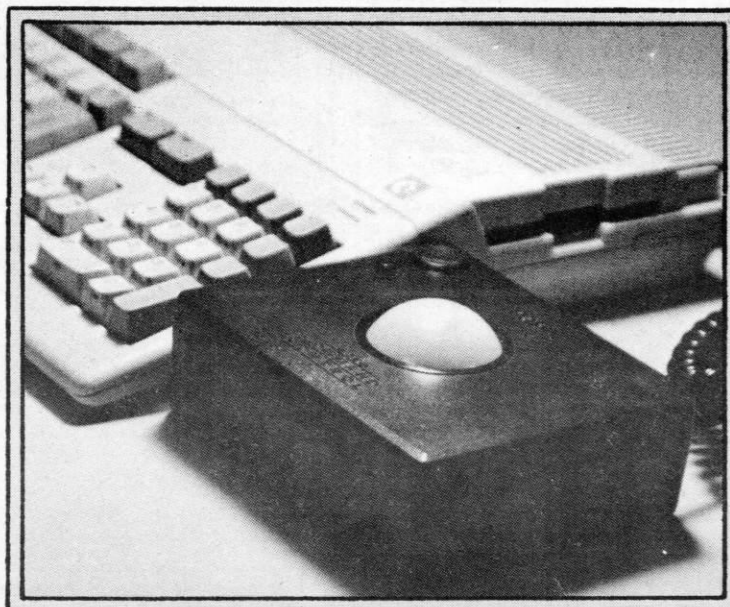
340-400

ST Mouseball II 3 lb.

340-401

Amiga Mouseball II 3 lb.

Our Price \$39.95



Softrek Beats Atari Corporation

The Blitter Is Here... Faster Software Version

Review by Eben Brown

For some time now, Atari has been promising the release of a Blitter Chip for their ST computers. The whiz kids at SOFTREK got tired of waiting and came up with a software version that's less expensive and works faster! It's called Turbo ST.

The blitter chip is supposed to speed up many applications by assisting the GEM operating system in it's processing functions. Turbo ST does the same thing as a software desktop accessory. Install it on your boot disk and from then on you can turn it off and on by pointing and clicking. How well does it work?

It speeds up Final Words paging speed

by 75%. ST Writer's paging speed is more than doubled and it's scrolling speed it increased by 63%. The Devpac ST editor's paging speed is more than tripled. Even the windows on your desktop will update faster. With few exceptions, Turbo ST does what the blitter chip does... and it's usually faster! Essentially, Turbo ST replaces the slower parts of GEM with more efficient code. Whenever those parts of GEM are accessed, Turbo ST takes over, does the processing, and returns the computer to GEM. So, any program that accesses those slow parts will be accelerated. Some existing software

already has it's own replacement code for the slow parts of GEM. Since those programs don't access GEM for those functions, Turbo ST (and the blitter, for that matter) will not accelerate them. PC Ditto is one such program.

If you've been waiting and wanting for a blitter chip, Turbo ST is the answer. It's easier to install. It's about 1/3rd the cost of a blitter upgrade. And, it actually works better. Order your Turbo ST today!

717-700

Turbo ST 1 lb.

Our Price \$49.95

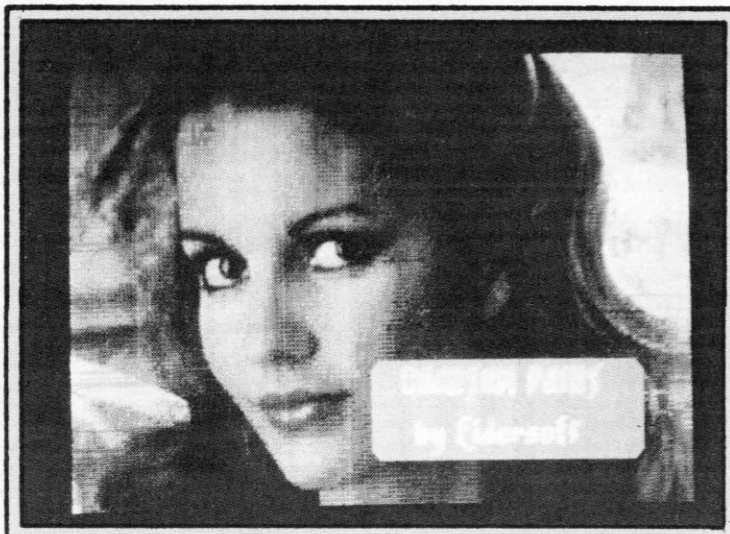
At Last The Real Graphics Power You've Waited For...

4096 Colors On Your ST

Mind Blowing Graphic Package Shocks/Amazes ST World!

Review by Eben Brown

You read right: This graphics package actually lets you work with and display as many as 4096 colors on your ST at any one time! It's called Quantum Paintbox and it's the current hottest thing selling over in England. Like other paint type programs, Quantum Paintbox allows you to work with graphic tools such as rays, boxes, circles, fills, etc. In this regard it's a paint program with features rivalling the best in the business. For goodness sake, it's even got an animator feature! Add to this the capability to display 4096 colors and you've got an unbelievable new product introduction! Let me clarify that you display up to 4096 colors on the screen at any one time... with no loss of resolution. And, it's compatible with standard DEGAS files. Load your DEGAS pictures into Quantum Paintbox (QP) and enhance them with QP's awesome color! It's odd, but with all of their extra color QP files are only a few bytes longer than standard DEGAS files. And of course, there are special routines included to incorporate QP screens into your own programs!



I haven't seen anything like this since I got into computing years ago. You'll be absolutely amazed and thrilled! Order

your copy of Quantum Paintbox today! 587-410 ST Quantum Paintbox 1 lb.

List 39.95

Our Price \$29.95

Want It Now? No Extra Fee for VISA, Master, or Discover Orders!

Toll Free Order Line: 1-800-322-4405
Orders Only. Questions, Problems Call 1-612-762-8847. Thank You!

You'll Involuntarily Duck!

Put On Your 3D Glasses And Fly!

Review by Eben Brown

Remember those 3D horror movies with the funny red and blue lensed glasses? Here's the computer version! Put the glasses on and watch as stars and enemy space ships appear to fly right out of your computer screen. A special algorithm drew the images... either far apart, close together, or even overlapped. The effect is really convincing. My kids kept putting their hands out to touch the objects!

The game is called Wanderer and it

takes place aboard a space ship. Your mission is to find and destroy the Ark of the Sphynx. You must travel in different space sectors and even different dimensions... facing enemies of varying speeds, sizes, shapes, and armament.

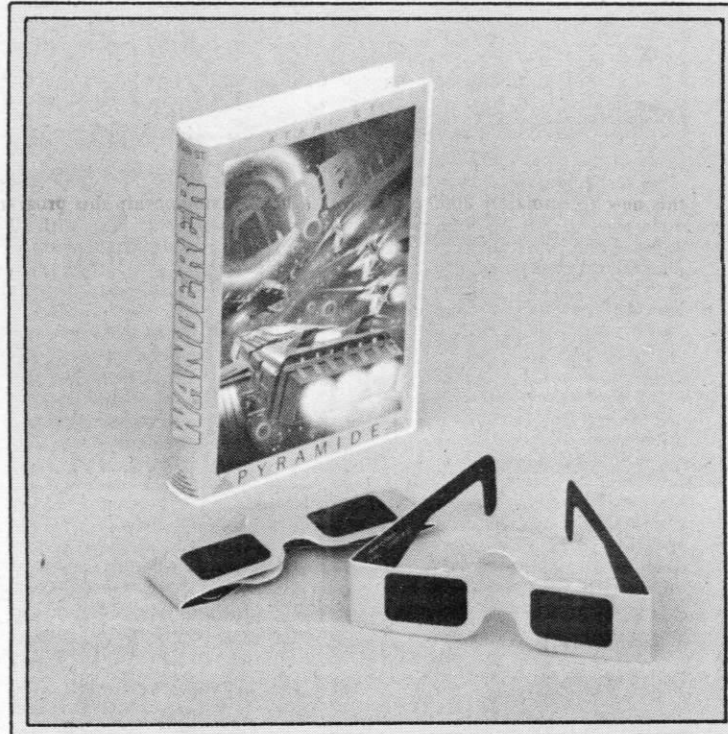
Try the latest computer gaming sensation: 3D Flight and 3D firing weapons. Order your ST Wanderer today!

587-404

ST Wanderer(Color) 1 lb.

List 29.95

Our Price \$19.95



Hard Disk Back-Ups

10 Times Faster!

Memory Cacheing System...Also Speeds Everyday HD Processing Times

Backing up hard disks is an absolute necessity BUT... it sure can be a big, time consuming job. Backing up just 2 megabytes by conventional methods can take as long as 20 minutes. The longer it takes, the less frequently you're likely to do it. Which means you're in for a BIG inconvenience if your hard disk data is ever accidentally lost.

Our new Flashbak/Fast Cache system uses intelligent memory cacheing to accomplish hard disk back-ups 10 times faster. That's right! What used to take 20 minutes to back up takes 2 minutes with Flashbak/Fast Cache. Back up 20 megs in 20 minutes... a minute a meg. You can selectively back-up only data you've been working with or do your entire hard disk. Back up only those files that have changed since your last back up (this is known as a "tick" back up in industrial computing). Flashbak/Fast Cache can even COMPRESS your data to reduce the number of disks needed for back up. Compress data by 30-50%... programs by 80%! A special ENCRYPTION feature makes your back-up data readable only by you... a good security feature. How safe is Flashbak/Fast Cache? Well first it

allows you to verify the disks it specially formats... making sure they have no bad sectors. Then it allows you to verify the data that's written to those floppies... making sure there isn't any difference between your hard disk version and the back up version. The other back up features of this package are far too numerous to list in this small space... and there's more!

In addition to it's many back up features, Flashbak/Fast Cache increases the speed with which you can work with and operate your hard disk. It's cacheing system sets aside an area of RAM for the most frequently accessed portions of your hard disk. Instead of accessing the hard disk directly, your computer accesses the cache... which it can deal with much faster. File sorting, data processing, program compiling and reading/writing text files become lightning fast operations with Flashbak/Fast Cache.

So here you have 10 times faster hard disk back-ups and the speedy efficiency of hard disk cacheing all in one package. If you own a hard disk, you really should order this program today!

587-413

ST Flashbak/Fast Cache 2 lb.

List \$89.95

Our Price \$53.95

New Hard Drives For Old Hard Disk Accelerator...

Review by Eben Brown

Your lightning fast hard disk is getting old and slow! How can this be? When it was new it's files were in contiguous blocks and so was it's empty space. Finding and using what it needed was easier... and therefore faster. Now that you've been using your drive for awhile, there are empty and filled spaces all over it. Your drive has to find space, put data into it until that space is full... and then find some more space to put the rest of your data. When it reads that kind of data, it has to find and retrieve it from several different places.

Handling data in this way greatly diminishes the speed with which your hard disk can both READ and WRITE. And, the more you use your drive, the worse the problem becomes... it just

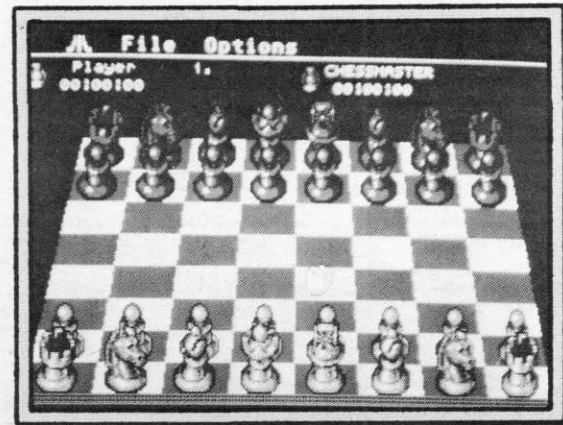
gets slower and slower! Isn't there anything that can be done to reverse this debilitating cycle? YES!

Our new *ST TuneUp* software will restore your drive to like-new speed! *ST TuneUp* re-writes your hard disk files and empty space into two separate contiguous blocks... just like your drive was when it was new! The result is that your drive then runs as FAST as it did when it was new! Industrial mainframes and minis use hard disk tune-ups like this regularly... and so should you. Order *ST TuneUp* and make your hard drive young again!

250-630 *ST TuneUp* 1 lb.
List \$49.95 **Our Price \$29.95**

The World's Best 3D Computr Chess

U.S. Chess Federation Winner



Review by Eben Brown

I've seen computer Chess before, but this new *Chessmaster 2000* is a whole different ball game! The most obvious difference is the brilliant three dimensional chessboard display. It looks and acts just the way a chessboard would if you were sitting in a chair looking down at it! But, *Chessmaster 2000* is much more than pretty pictures.

To begin with, it is the most powerful microcomputer chess program ever written. These things are actually rated by the U.S. Chess Federation and *Chessmaster 2000's* "2018" is the highest rating ever given! Winner of the

1986 U.S. Open Personal Computer Chess Championship this program is a powerful opponent. But, with 20 levels of play, it can be challenging without totally wiping you out. In this aspect, *Chessmaster 2000* becomes a valuable tutor.

How "Smart" can this program be? For starters, it knows 71,000 opening moves! I'm not sure I can even count that high! Isn't it time you owned "The Finest Chess Program In The World"? Order *Chessmaster 2000* today!

212-207 *ST Chessmaster 2000* 1 lb.
212-316 *Amiga Chessmaster 2000* 1 lb.
List \$44.95 **Our Price \$29.95**

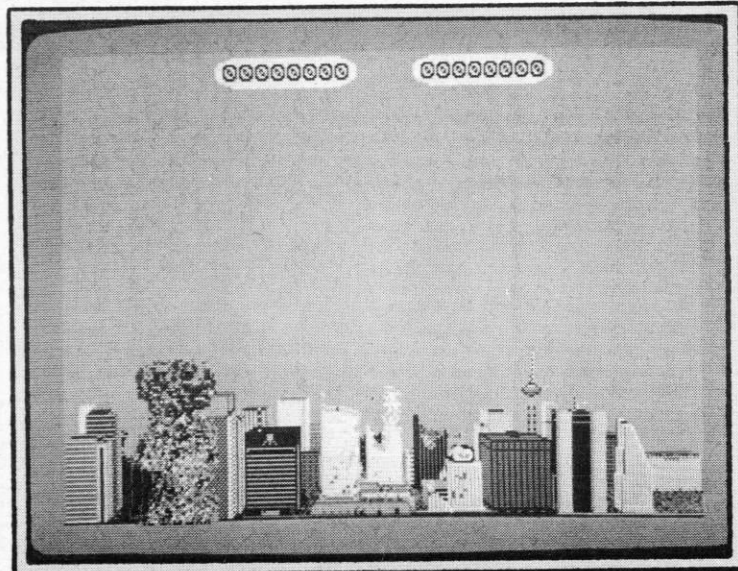
Type and Calculate Correctly... Or Else!

Review by Eben Brown

Invading words and math problems are descending upon the city! The only way to fight them off is to type and spell the words correctly and type and calculate the math problems correctly. Each correct keystroke directs a laser blaster and shoots down a letter or number. When the entire word or problem is shot down, the threat to the city passes... until the next one attacks! This fun, graphic game is really something for kids as well as adults. On your screen you see a cityscape and watch as words and math problems descend from above. If you don't shoot

them down before they reach the buildings, the buildings explode. Shoot them down in time and you score points. The neat thing about it is that you can increase or diminish the challenge to suit anyone. You put your own words and math problems into the game. So, you can be playing at complexities suitable for 5 year olds right on up to nuclear physicists! Make a game of typing fast, spelling correctly, and mathematical figuring. Order your copy of *Invasion* today!

250-535 *ST Invasion (Color)* 1 lb.
List \$29.95 **Our Price \$18.95**



Easyl II Work Holder

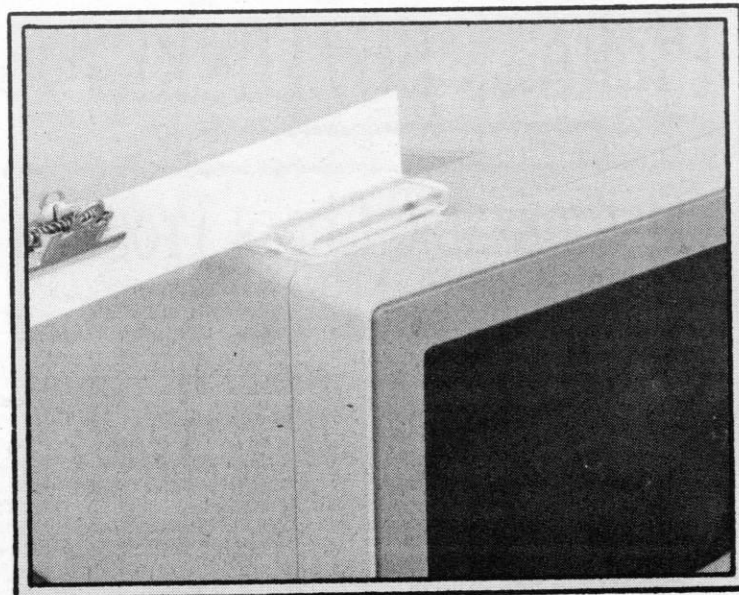
Holds Work At Eye Level... Takes No Desk Space... Built Tough!

Review by Eben Brown

Our *Easyl II* work holder is so simple, you'll wonder why no one thought of it before. Attach it to the top of your computer monitor with its quick release Velcro™ fastener (included). Then clip your dictation, outlines, newspaper clippings, paperback book or magazine articles to it. Clip anything to it that you're copying from or referring to. *Easyl II* holds your work right next to your monitor for easy-on-the-eyes viewing.

Got a messy desk? Don't worry! *Easyl II* suspends your work from above and takes absolutely no desk space! It holds strong, too. We hung a 1 lb. paperback book from it with no problem.

For this catalog we've improved the original *Easyl*™ even beyond the excellent construction it already had. *Easyl II* is made of high density acrylic. This is superior to the original polyethylene construction. It's stiffer and won't sag when something heavy is attached to it. High density acrylic also has a hard gloss surface. The total effect of the clear mounting base and high gloss clip



arm is really stunning! Remember, no cheap plastic clip goes on the *Easyl*™. You get a genuine rivet attached Kaufman Bros. steel clip and

generously wide strips of Velcro™ hook and loop tape.

Order your *Easyl II* today!
127-406 *Easyl II* Work Holder 1 lb. **\$9.95**

Learn Touch Typing With Artificial Intelligence

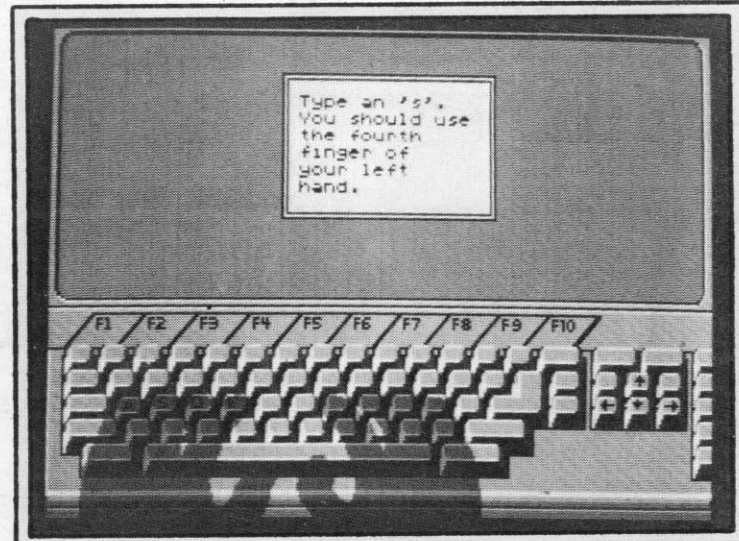
Mavis Beacon Customizes Lessons To Your Needs

Review by Eben Brown

This has to be the best computerized typing tutor around. It's called *Mavis Beacon Teaches Typing* and it incorporates artificial intelligence to analyze your progress and tailor your lessons to fit your needs. For example, *Mavis* watches for consistent error patterns, charts them, and then works up corrective drills for greater speed and accuracy. Ever wondered why a teacher was doing something? *Mavis*' "Show Thinking" feature lets you see how and why she's doing what she's doing. *Mavis* tracks your performance in 25 areas and gives you progress charts accordingly!

Learning typing with *Mavis* is fun! Lessons are constructed from an enormous database that includes interesting and involving passages from all kinds of literature. And, they're constantly updated to fit your skills... you'll never see the same one twice! Special employment agency tests are also included. So if you're learning to type to get a job you won't be surprised by the job-getting process.

In addition, *Mavis Beacon* is the only typing teacher to focus on words and letter combinations that come up most frequently in daily typing tasks. You learn to type for real-life situations. An on-screen fingering chart and tempo typing metronome combine to develop touch typing skills rapidly. And, you



can learn on the keyboard you'll be using... special 10 key, Dvorak, and computer keyboard options are available.

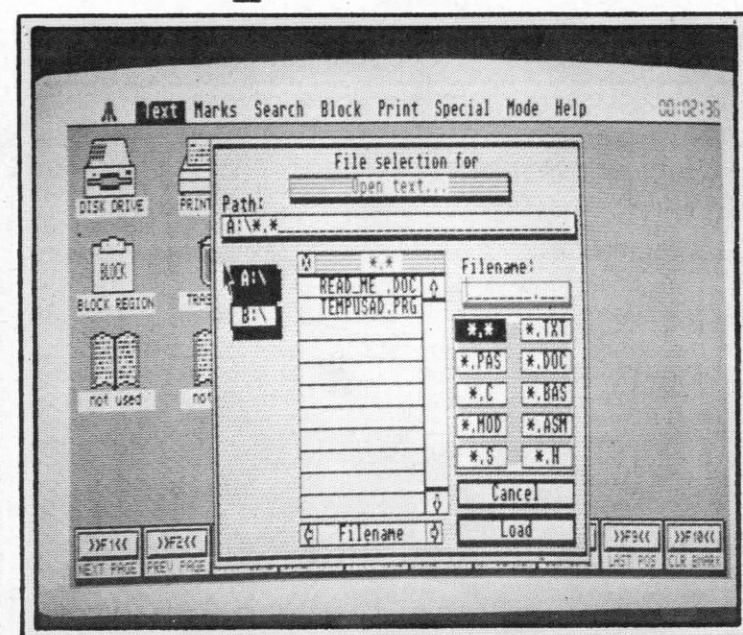
The sound effects and graphics are entertaining and keep you involved with your lessons. There are even arcade game drills for a change of pace and to test your skill.

Whether you buy it for your kids or for yourself, *Mavis Beacon Teaches Typing* is the typing tutor par excellence. Order yours today!

212-204 *ST Mavis Beacon Typing* 1 lb.
212-317 *Amiga Mavis Beacon Typing* 1 lb.
List \$44.95 **Our Price \$29.95**

Lightning Fast Creation & Editing of All Programs

Tempus Text Editor



Do you get frustrated having to move back and forth between LIST, OUTPUT, EDIT and COMMAND windows? Sure you do! But up 'til now you had to live with it. Our new *Tempus Text Editor* allows you to create and edit your programs all in one window. Not only that, it works eons faster. Imagine being able to search for and replace 4500 characters in under 8 seconds! You can work on up to 4 documents at once and even do cross referencing, turbo loading and saving and super fast document scrolling.

Get on the fast track with *Tempus Text Editor*. Order today!
587-403 *ST Tempus Text Editor* 1 lb.
List \$9.95 **Our Price \$29.95**

Tempus comes highly recommended by top programmers. Kurt Casby of the PictaScan design team swears by it... Uses it instead of the editors that came with his programming languages.

Want It Now? No Extra Fee for VISA, Master, or Discover Orders!

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Orders Only. Questions, Problems Call 1-612-762-8847. Thank You!

Amiga Tailgunner's Picks... \$6/Disk!



For Commodore Amiga Computers

Tailgunner's Picks... \$6/Disk!



Top Quality Shareware And Public Domain For The Amiga

Review by Eben Brown

You don't need a modem and expensive Long Distance bills to enjoy top quality Shareware and Public Domain programs! Our *Tailgunner's Picks* are just what the name implies: Hand Picked "Best of the Best" Shareware gleaned from BBSs and other sources around the country.

This first selection of *Amiga Tailgunner's Picks* is especially good. Take a look at the screen shots and

you'll see how good Shareware and Public Domain can be. Each disk contains the programs and utilities listed on it's description and is designed to run on all Amiga computers.

We'd like you to understand that we're not selling the software on these disks. It's Public Domain and you can download individual titles free from BBS services... if you want to spend a lot of time and telephone money doing it

yourself. The *Tailgunner* has done all of the work for you: Downloaded the software, weeded out all of the stuff you wouldn't want, kept the best, sorted it into like-subject disks, and proof tested it. A lot of work and expense is involved. So, we charge a \$6.00 per disk copy fee. Order your *Amiga Tailgunner's Picks* disks today!

Customizable Chess Program

Customize Board, View, Colors, Pieces, Clocks, Skill Level,... And More!

Review by Eben Brown

Though I don't fancy myself as a good Chess Player (I never seem to have the time), I really enjoyed reviewing this new *Art of Chess* program on my Amiga. It just has so many features to make every game a different experience.

Of special note are the many options for board and piece design. You can actually adjust the angle of view by grabbing the edge of the board and dragging with your mouse... the number of possible views is practically limitless. You can use regular or custom playing pieces and you can customize the colors of everything with familiar slider bars.

I found playing the *Art of Chess* to be equally fascinating. You can set it up to play human vs. human, human vs. Amiga, Amiga vs. human, and Amiga vs. Amiga. You can change the skill level of the computer to make the game easier or more challenging. This is done through a slider scale that gives the computer more or less time to figure a move. A "Watch Amiga Think" mode is really interesting as it shows how many different moves the computer is considering and how fast it considers them. You can set it for no time limit if you like. And, if the computer takes too

long you can "Force a Move". There's even a slider bar to set the computer's aggressiveness level.

If you're stumped, you can click on "Show Legal Moves" to see if you're forgetting any options. "Show Defense" and "Show Attack" features show the board positions of your own and your opponent's pieces that are in position to capture another piece. You can turn on clocks and play just like the grand masters do in tournaments. A performance meter option shows the Amiga's assessment of how the game is progressing... who seems to be winning. Expanded Amigas can even have voice commentary and cueing. Finally, there's even a library of great chess matches throughout history... which you can load, watch, and learn from.

I found the *Art of Chess* to be an exceptional program. The documentation provides an interesting history of automated chess machines back to Napoleon's time, standard rules for the game of Chess, and clear instructions for playing the *Art of Chess* Amiga program. You won't be disappointed with this one. Order today!

587-710 Amiga Art of Chess 1 lb.
List \$4.95 Our Price \$24.95

PD2-102 AmigaGames-1 1 lb. \$6.00

This disk contains 6 great games. Cycles is like the Light Cycles game in the movie TRON. Cosmo2 is a terrific Asteroids Clone. Chinese Checkers. Mastermind is an addicting logic game. TTT is 3D Tac Tac Toe. YachtC is the well known dice game.

PD2-103 AmigaGames-2 1 lb. \$6.00

This disk contains 7 great games. Amoeba Attack is like Space Invaders. Bull Run is a Civil War Battle Simulator. Connect4 is like the popular parlor game. Flipper is like Othello with a computer opponent. Jack Land is a humorous adventure game. Super Brick Out is like BreakOut only in 3 different variations. Galactic Worm is a gobble-gobble type game.

PD2-104 AmigaGames-3 1 lb. \$6.00

Contains 3 excellent games. Battle Ship is like the popular board game. Amiga talks and gives great sound effects with this one. Maria is a huge adventure similar to Larn or Hack. Life3D is a 3D version of the famous Life Pattern Game.

PD2-105 AmigaSound-1 1 lb. \$6.00

This disk contains a collection of 13 sound files and the MakeSound program. Hear and modify sounds of Airplane, ChurchLady, Alien, Star Wars, Train, and more. See how a sound manipulator program works.

PD2-106 AmigaSound-2 1 lb. \$6.00

This disk contains a collection of sounds and the Perfect Sound Program. Great for seeing how sound digitizers work and for sampling and modifying.

PD2-107 AmigaMation-1 1 lb. \$6.00

This disk contains the graphics demos made famous on the Amiga. Boing is the bouncing checkered ball. Juggler is that amazing mirrored ball demo created through sophisticated light ray tracing. RoboCity is one of the original demos. ARM is a robot arm animator. And, ROT allows you to do some of your own design and animation.

PD2-108 AmigaComm-1 1 lb. \$6.00

This disk contains seven terminal programs: Access, AmicTerm, Comm, StarTerm, and ACO are regular modem programs. HandShake and VT640 are DEC terminal emulators. Try them all and learn what features you like.

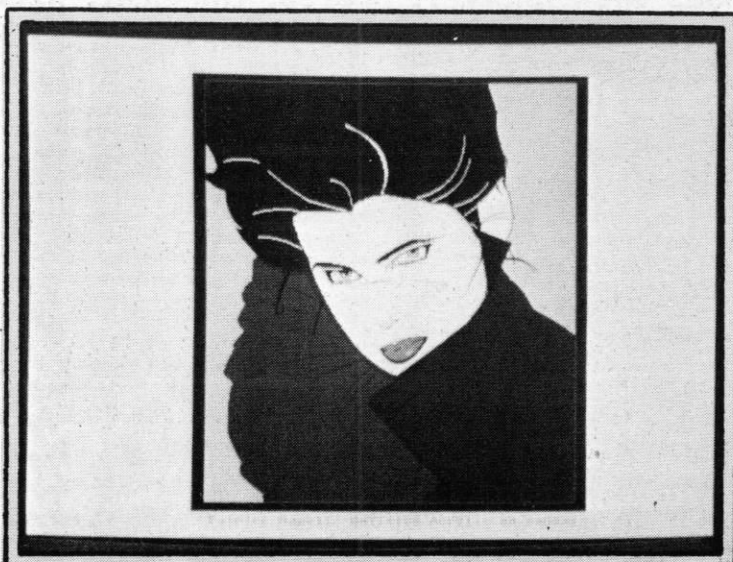
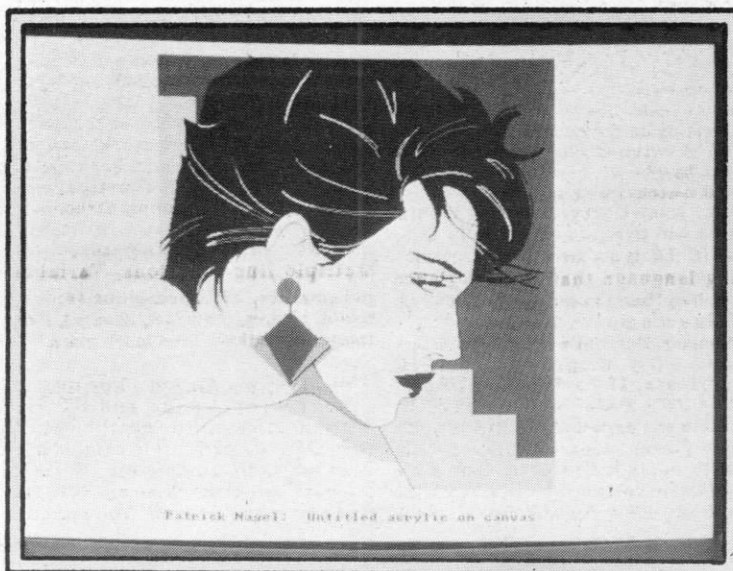
PD2-100 AmigaGraphics-1 1 lb. \$6.00

This disk contains a complete Patrick Nagel art show. Beautiful reproductions of 18 full color pictures, displayed in hi-res interlace mode. Slideshow and print utilities included.

PD2-101 AmigaGraphics-2 1 lb. \$6.00

This disk contains a collection of Amiga computer art and Dungeon Game-type fantasy pictures with slide show utilities.

Amiga Tailgunner's Picks...Screen Shots



At Long Last... It's Here...

Color Composite For 1040/Mega STs

New VideoKey™ Gives Color Composite, TV, and MORE!

Review by Eben Brown

Those of you 1040 and Mega ST owners who've been waiting for something to give you color composite output will be happy to see the all new VideoKey™ box. It converts the ST RGB signal to composite and gives you 3 ways to use it.

It's Color Composite Video port gives crisp color output for composite monitors or VCR input (maybe you want to do video titling?). It's Audio port is separated to be compatible with your stereo... games are awesome when the sound is amplified through decent speakers. It's TV port allows you to connect to any TV and provides channel 2 or 3 switchability. Finally, VideoKey even includes a standard monitor Din port... so you can use any of it's other features in combination with your regular monitor viewing!

Those Whiz-Kids at Practical Solutions really did their homework on the VideoKey. Some of you may recall all of the problems other companies (including EABCO) have had coming up with a product such as this. It appears that these fellows had to invent something new to get around all of the problems. They call it their "ColorLoc" system. It's a bit of circuitry that prevents color "crawl" and gives clear, crisp displays. Best results are achieved in low resolution mode.

The whole thing is housed in an attractive, molded box that looks very much at home with the rest of your ST



system. You've been asking for it... now here it is. Order the VideoKey today.
275-200 ST VideoKey 2 lb. ~~249.95~~

Special: \$109.95!

Special Purchase Opportunity

GFA BASIC... \$29.95

Whatever it is that makes a programming language sell like hotcakes... **GFA BASIC 2.0** has it! A smashing success since it hit the USA market, we've never had a complaint in over a year of selling it. And now, we're offering this excellent language at a price you just can't afford to pass up... **Just \$29.95!**

In case you're not familiar with **GFA BASIC**, here's a quick overview: **GFA** is a German company that specializes in automation and process control for mainframe computers. They found the Atari ST to be one of the few personal computers capable of running such powerful software. You can imagine how much more powerful a mainframe version of BASIC is when compared to the usual personal computer BASICs. Well, that's **GFA BASIC**... mainframe power on a personal computer.

GFA BASIC is a structured programming language resembling Modula-2 or Pascal in its ability to accept parameters from the main program as well as from local variables. For example, you can load and execute non-BASIC applications from within a BASIC program or even call routines written in C. The various MENU commands allow you to handle GEM

drop down menus with speed and efficiency. In addition, the language supports a wide array of graphic commands, UNIX style DOS functions, and additions to keywords offered by ST BASIC. A RUN TIME module is included to allow you to distribute your **GFA BASIC** programs freely. A built in editor is also included. All of this in a BASIC that executes at speeds rivaling assembly language.

Adding even more power to the system is the **GFA BASIC Compiler**. It actually compiles your **GFA BASIC** programs into machine code that runs as fast or faster than Pascal and C! There is no better time than right NOW to order **GFA BASIC 2.0** and the **Compiler**. Priced at just \$29.95 each, you can have professional programming power at a downright fabulous price. And don't forget **Dialog Box Designer** for even more professional looking programs. All at terrific savings. Order Today!

250-920 ST GFA BASIC 2.0 2 lb.
List \$49.95 **Our Price \$29.95**
250-940 ST GFA BASIC Compiler 2 lb.
List \$49.95 **Our Price \$29.95**
127-513 Dialog Box Designer 1 lb.
Our Price \$29.95

A New Alternative For ST GFA BASIC Programmers

Dialog Box Constructor

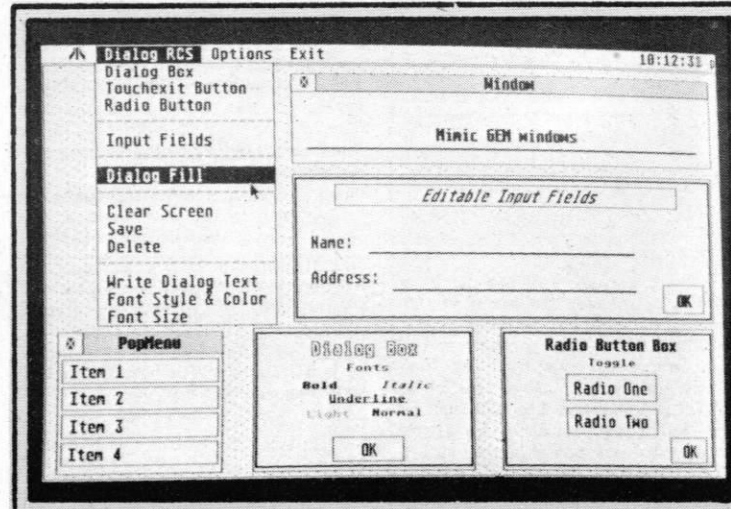
Story by Eben Brown

Adding real Dialog Boxes to your GFA BASIC programs really makes them look professional! Instead of old fashioned "type and press return"

responses, you use point and click... just like the REAL programmers do.

Our new **Dialog Box Constructor** (DBC) by Derrick Hall gives you all of the flexibility and power you want (and need) to make custom Dialog Boxes for your programs. Make the boxes whatever size you want. Put Radio Touch Buttons into them... Touch/Exit Buttons, Input Fields, etc. Jazz them up with fill patterns and colors. Enhance them with different fonts. Believe me, your **GFA BASIC** programs will look marvelous with **DBC** Dialog Boxes.

We've been selling the excellent Michtron **GFA Companion** Dialog Box utility, so I asked Derrick to make up a comparison chart of the features of each program. I made sure he had a current version of **Companion**. And, as far as I can tell, the chart is totally accurate. If you program in **GFA BASIC**, you're really missing something if you don't add Dialog Boxes to your programs. Order **Dialog Box Constructor** today! 127-513 ST Dialog Box Constructor 1 lb. \$29.95 (Requires **GFA BASIC**)



Order Toll Free
1-800-322-4405

For Atari ST & Amiga, Too!

New! GFA BASIC 3.0

As you can see from the above description of **GFA BASIC 2.0**, this programming language has its roots in some pretty amazing mainframe computing power. Since v2.0 was introduced, **GFA** has been working on an even more powerful version... to be compatible with Amiga computers as well as the Atari ST series. This new version builds on the features of the previous one. So, I won't waste space elaborating on those which you can read in the description above. I will say that as fast as v2.0 is, this new version 3.0 is 40-60 percent faster yet!

Those who've programmed in BASIC before will be a little surprised by **GFA BASIC 3.0**. It's a structured programming language that at first glance resembles Pascal in many ways. It's lack of line numbers is also a little unfamiliar. But, these are all advantages added TO your previous BASIC experience. If you've used BASIC before, **GFA BASIC** will have all of the features you expect... in addition to it's added power. Also, all existing **GFA BASIC** Books and Program listings are completely compatible. (**GFA BASIC Book** and **GFA BASIC Training and**

Reboot Camp are excellent independent readings).

Atari ST Special Features

The Atari ST version of **GFA BASIC 3.0** has some remarkable new features: The ability to hide procedures... make them visible only by name. An improved editor that allows you to write and edit in ASCII (text) mode and input into your program with a single keystroke. There's a clock in the menu field, up to 10 editor marks can be placed in a program, and a line counter is included. All AES functions are supported. Object handling, Structures, Line-A commands, Joystick commands, and Case distinction are now supported. Multiple line functions, Variable parameters, bit operations (move, rotate, bit test, erase, set, change), Fast Integer operations... and much more.

Commodore Amiga Features

Though the Amiga and ST are different machines, it should be noted that **GFA BASIC 3.0** is compatible between them completely. Write a program on one machine and it'll run fine ported to the other. The features

and capabilities are the same also. However, Amiga owners will probably be interested to know the following:

The Editor identifies most common programming errors before the program is run. This Amiga version is especially designed to work with all Amigas... it supports 68000 and 68020 processors. Code is reentrant... no need to reload for each task. Graphic support is extremely powerful yet easy to use. One command creates a polygon... other languages would require dozens of commands. Menu lists and pull down menus are fully supported. All operating system functions are available through **GFA BASIC** commands.

Order Now At
EABCO Special Pricing
GFA BASIC 3.0 lists for only \$99.95... but we want you to have this language. So, we've cut profits to the bone and will sell it to you for only \$59.95! This is the best BASIC in the world for ST and Amiga computers. This is also the best price. Order today!
250-921 ST GFA BASIC 3.0 2 lb.
250-980 Amiga GFA BASIC 3.0 2 lb.
Our Price \$59.95

New! GFA BASIC Book

Read Deeper Into The Power Of GFA BASIC!

Review by Eben Brown

Here are the tips and tricks you've wanted for making the most of your **GFA BASIC** programming language. Written by Frank Ostrowski (author of **GFA BASIC**) this new **GFA BASIC Book** is a must for **GFA BASIC** programmers. Chapter topics include Optimization techniques for making your programs run even faster and with more efficiency. Graphics programming sections include Clipping, Raster Graphics Commands, Flicker Free Graphics, and more. A special "Tips & Programs" section addresses

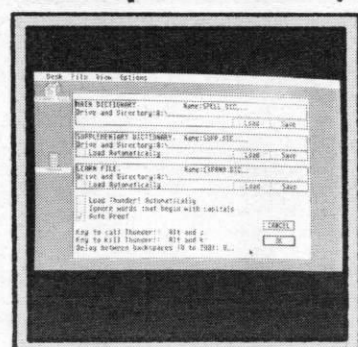
everything from Sound and Magnify techniques to procedures for copying files, formatting disks, and obtaining Directories from within BASIC programs... as well as the use of Recursion, Scan Codes, different Fonts, and the EXEC command. The book also gives an extensive guide through GEMDOS, BIOS, and XBIOS in relation to **GFA BASIC** programming command access. All facets of the **GFA BASIC Book** are illustrated with program examples. And, a special disk is included which contains those

examples... so you won't have to waste time typing them into your ST. Shoot, you can even incorporate the examples into your own programs. They're real, usable routines.

Yes, **GFA BASIC** even more power than you thought. This new **GFA BASIC Book** will show you how to take advantage of it all. Order your copy today!
250-550 ST GFA BASIC Book 2 lb.
List \$39.95 **Our Price \$24.95**

500% Word Procsr. Upgrade

Adds Spell Checker, Abbrev. Expander, Readability Indexer



Review by Eben Brown

Using your word processor, have you ever lost your train of thought in mid sentence? With me, it's usually because I caught myself misspelling a word and went back to correct it. Afterwards, it always seems to take forever to get back into the flow of what I was writing. If I didn't have to worry about spelling, I bet I could write 500% faster... and so could you! Of course you've heard of word processors with spelling checkers. But, who wants to re-learn another word processor?

ST Thunder! is the premier spelling checker (and then some) for the Atari ST. It installs as an easily accessible desk

accessory and checks your text against a 50,000 word expandable dictionary. Checking at a rate of 100 words a second, you'd be hard pressed to find a faster proof reader.

But **ST Thunder!** is much more than a spelling checker. It's an all around word processor upgrade. Other features it adds include an Abbreviations Expander. Define whatever big words you use frequently. Then whenever you type the abbreviation, the complete word is entered... spelled correctly of course! **ST Thunder!** also provides a word counter. This is especially handy when you're writing something of a pre-specified length (like a 1,000 word theme). And finally, **ST Thunder!** provides a readability index. It actually analyzes your document for smoothness and easiness to read!

You love your word processor, so don't replace it. Enhance it with **ST Thunder!** Order today!
212-203 **ST Thunder!** 1 lb.
List \$39.95 **Our Price \$27.95**

ST Thunder! is accessed as an accessory from within your word processor. It is compatible with major word processors including WordUp, Regent Word II, Word Writer, and more.

Comparison Chart		
Features	DBC*	Companion
Version Compared	v1.0	v2.0
Free Hand Design	Yes	Limited
No. Touch/Exit Buttons	100	6
No. Radio Buttons	100	7
No. Dialog Boxes	100	9
No. Input Fields	50	None
Slider Bar Support	None	Yes
No. Fill Patterns	24	None
No. Colors	16	None
No. Fonts	6	3
No. Font Sizes	5	1
Supports Pop Menus	Yes	Yes
Screen Res. Support	Lo, Med, Hi	Med, Hi
Sugg. Retail Price	\$29.95	\$49.95**

* **Dialog Box Constructor**

** EABCO price is \$29.95

New! GFA Beginner Book!

BASIC Training Reboot Camp

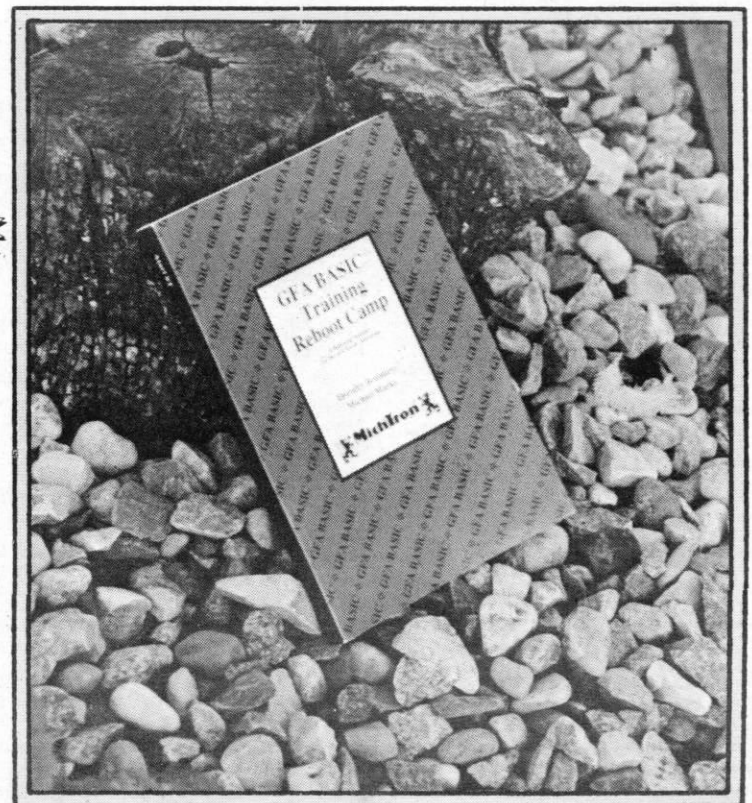
Whether you'd like to read about **GFA BASIC** before buying it, or would just like instruction from an independent source, this new book is a must. **GFA BASIC Training Reboot Camp** is designed to get the new programmer off to an easy start with **GFA BASIC**.

There are so many different variations on the original BASIC programming language. You can learn one version and find yourself lost trying to use a different one. This book teaches you BASIC from the ground up using the Powerful **GFA BASIC** that is so popular around the world. After each lesson,

you'll have mastered some programming technique and will have an actual program to show for it. Among them are: A Mouse Drawing Program, Simon Game, Tune-Player, Animated Game, Dice Tossing Game, Graphics Display Program, Programming Aids, and more.

If you own an Atari ST or Amiga, plan to program in BASIC, and want to learn it from the ground up, This is the book for you. **GFA BASIC Training Reboot Camp**. Order today!

250-551 GFA Train/Reboot Bk 2 lb.
List \$19.95 **Our Price \$14.95**



Free the "OIDS" Shoot 'Em Up Action and Fun

With a name like "Biocrete", you know the villains must be bad. And they are! They treat their own creations, the "OIDS" worse than slaves.

As a member of a more compassionate race, you are dedicated to freeing the OIDS from their slavery. You've risen by courage and passion through the ranks of the intergalactic "SaveOIDS" organization. And now, you wield the power of a full V-Wing Pilot Commander. Your nuclear pellet guns and Nova Bombs can wipe out pretty much

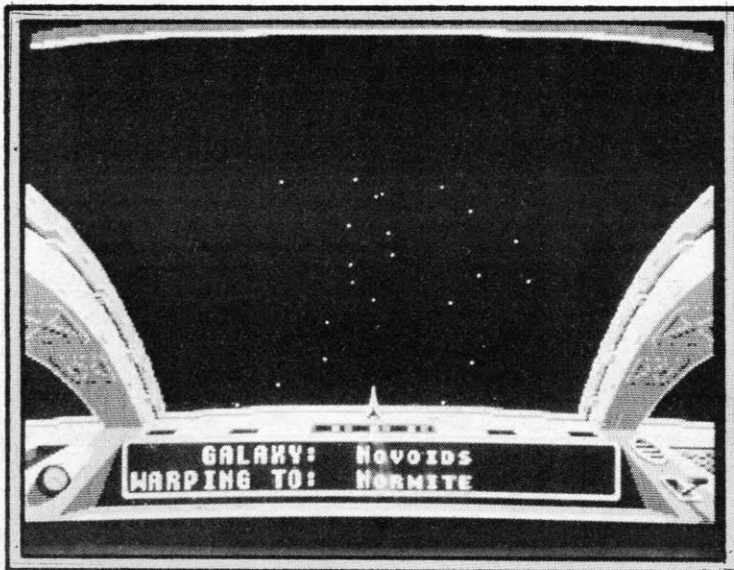
anything the Biocrete can throw at you... if you don't get killed by their sophisticated defenses. (Being sucked out of the sky by a Biocrete Gravity Base is an experience every pilot should avoid!)

Cruising above the landscape and defenses of Biocrete planetoids, you'll have plenty of action and fun. Order your copy of *OIDS* today!

280-200 ST OIDS 1 lb.

List \$39.95

Our Price \$22.95



For Amiga and Atari ST

Mouse/Joystick Switch Box

Review by Eben Brown

Why Commodore and Atari put the joystick and mouse connectors where they did is beyond me. All I know is that unplugging them and connecting something different is a pain. And, why in the world should you have to unplug your mouse to connect a joystick? They do two different things... they should have different connection ports.

Well, fumbling with joystick and mouse connectors is now a thing of the past. Connect our new *Mouse Master*™ to your ST or Amiga ports and see what I

mean. It gives a separate connection port for mouse, Joystick 0, and Joystick 1, it's switchable, and it extends the mouse/joystick ports to where you can reach them easily.

Specially designed by Practical Solutions, *Mouse Master* features a clean, molded case and cable and will look nice with the rest of your computer system. Stop making-do with an awkward situation. Order *Mouse Master* today!

275-202 Mouse Master 2 lb. \$34.95
(Same Unit Works For ST Or Amiga)



The Complete Story From The Inside

The Computer Underground

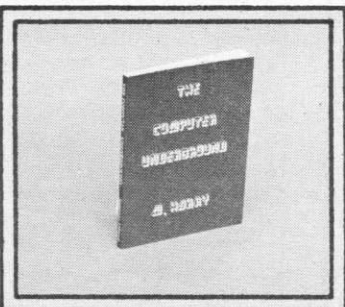
Computer crime...exposed! As the introduction to this book points out, computer crime is not going to go away. In fact, it is a product of our society and actually seems to be encouraged on a sort of "Cult Hero" basis. As evidence, Wozniak and Jobs, the founders of Apple Computer Corp., are said to have started out selling "blue boxes"... devices for using long distance telephone service without paying for it.

This book covers the entire spectrum of Hacking, Crashing, Pirating, and Phreaking. With personal information in your own computer and piling up in the 38-50 national data banks, you and everyone else has a stake in knowing how computer criminals work and what you can do to protect yourself. Many currently "accepted" security measures are easily defeated by computer criminals and this book shows how. The combination of hacking and phone phreaking techniques enable criminals

to invade your datafiles from any where in the world without regard to long distance charges.

This book is rather crudely printed by an underground publisher. It's 280 large format pages have quite a lot of space... much of the printing is double spaced 12 pt. dot matrix. However, you buy a book for what it can teach you and this book can teach you a lot.

345-300 Comp. Underground- 2 lb. \$16.95



MacWrite™ On Atari ST?

New WordUp™ Displays and Prints Exotic Fonts and Graphics

Review by Eben Brown

Remember when they came out with the Atari ST and said it was "As good as the Macintosh"? By now I'm convinced it's actually BETTER than the Mac... but I HAVE wished for that fancy MacWrite-type of word processing. If you've had the same wish, *WISH NO MORE!* The new *WordUp* and *Fontz* software on your Atari ST actually meets and beats all of the features of *MacWrite* on the Macintosh.

First the familiar features: On your screen, you see your fonts displayed as they will appear on printout... same size, same style. Click and drag your mouse to highlight a portion of text. Then, pull down a menu and change the font or style of the text. Make it bold, light, skewed, outline, strikethrough,

super and subscript, single, double or broken underlined. Change the size from 8 to 48 point in Helvetica, Times, or Courier-like type fonts (More fonts are available-See below). Use your mouse to drag the margin, tab and indent markers to position with the on-screen ruler. SEE all of your changes as they will appear on printout...right on your screen!

Want to include a picture? *WordUp* can import DEGAS, Neochrome and .IMG formats. Not only that: Where ever you position your picture, your text will automatically flow around it (let's see *MacWrite* do THAT!) *WordUp* carries this wonderful process quite a bit farther than the venerable *MacWrite* ever did.

The text-around-pictures flow feature is pretty neat...to be sure. But so is the remarkable way it handles footnotes. As you create them, they appear right on the screen... same page and same layout as they will be on printout. Number them manually or let *WordUp* do it automatically. Of course you can expect regular word processing features from *WordUp* as well: Block functions, search and replace, automatic reformatting, word wrap and pagination, spell checker and thesaurus support, ASCII importing and exporting (yes, it's compatible with *FINDEX V*), left, center, and right justification, left, right, center, and decimal tabs, go to page function, etc.

Type Font Information

WordUp comes with the fonts named above. It uses GEM fonts and GDOS, so DON'T expect *Publishing Partner* Fonts to work with it. You can get six more fonts in the add-on *FONTZ* package. These are: Old English, Black Shadow, Boise, Bigtall, LCD, and Keytops. *FONTZ* itself will let you design your own fonts or convert actual Macintosh fonts for *WordUp* compatibility. The GDOS font format uses considerable memory. Though it isn't absolutely necessary, we do recommend upgrading to 1 or more megabytes of RAM if you don't already have it.

Settle for More!

If you've been waiting for *MacWrite* features to come to the Atari ST, I'm very sorry. You're just going to have to settle for MORE than that! *WordUp* is so much more... Order yours today.

322-201 ST WordUp 3 lb.
List \$79.95 Our Price \$69.95
322-200 ST FONTZ 1 lb.
List \$34.95 Our Price \$29.95

FTL's Big Hit Fantasy...

ST Dungeon Master... \$26.95

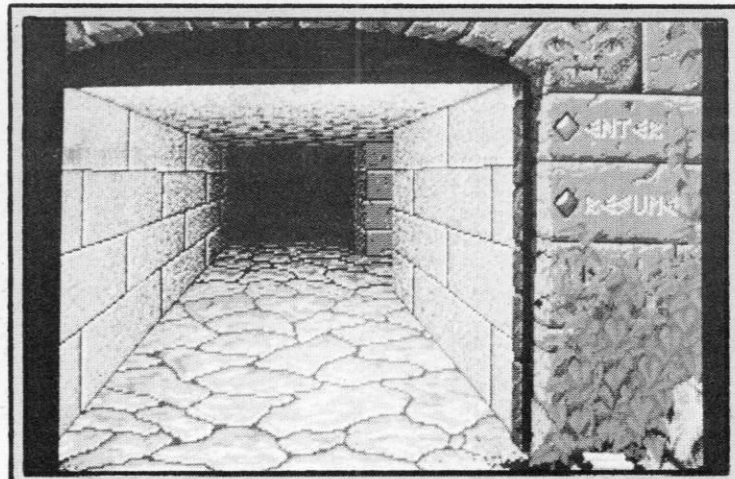
Review by Eben Brown

I could tell you about the beautiful graphics of *Dungeon Master* and never do it justice... they're better than words can tell. I could describe the caliber of play, the intricate plots, the thrill of victory... agony of defeat and still not impart the feel of actually playing. So, how am I to convince you that this is the dungeon fantasy you should buy and spend the Summer playing?

Fortunately, I have a lot of help! Magazines are giving *Dungeon Master* excellent reviews. It's selling like hot cakes and fellow Atari ST owners are extolling its virtues by word of mouth. In other words, all you have to do to find out how good *Dungeon Master* is is ask a friend who owns it!

Dungeon Master has set a new standard in dungeon fantasy games... Order yours today

280-202 ST Dungeon Master 1 lb.
List \$39.95 Our Price \$24.95



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Boeing 737 Simulator

You Too Can Crash This Instead Of The Real Thing

Review by Eben Brown

If you're planning a trip somewhere, here's some good advice: Don't fly with

me! I crash 737 passenger jets faster than they can build 'em! Kidding aside,

I spent some time playing with the new *Amiga Flight Path 737* recently and found it to be fun and captivating.

Controlled completely by mouse, *Flight Path 737* takes a little getting used to. But, a look at the instructions can make a world of difference. I started the jet engines, released the brakes, pointed her down the runway, and opened the throttle. The engines roared and when she hit 180 knots, I raised the nose and up she came. Then I adjusted the flaps up and raised the landing gear (realistic sound was heard). With the flaps up, I gave her more throttle, pulled back on the stick (mouse) and watched as the altimeter spun and the sheer face of the mountain ahead passed in front. Once over the mountains, I leveled out and ran out of fuel before I could land! Hey, I told you I crash these things!

Flight Path 737 is a lot of fun to play with. The cockpit isn't too cluttered up, so you can look out the window and enjoy the flight. Crashes give a real startling sound... I jump everytime it happens. The graphics are good and so are the sound effects. Order your *Amiga Flight Path 737* today!

587-700 Amiga Flight Path 737 1 lb.
List \$34.95 Our Price \$24.95



Finally, A Top Notch Scanner Everyone Can Afford!

ST PictaScan... \$149.95

One Picture Is Worth A Thousand Words...

by Eben Brown

What do you get when you combine hardware capable of 400+ dots per inch with professional, manipulative scanning software? You get a REAL scanner... *not just a toy.*

REAL Scanner Resolution

When mounted to a fast 160 character per second printer, ST PictaScan delivers resolution exceeding 412 dots per inch (dpi). Attached to an average 100 cpi printer it delivers 660 dpi! These figures are based on 8 inch head pass times of .5 and .8 seconds respectively. No screen limited video digitizer can even come close to this type of resolution... neither can anything but REAL scanners costing hundreds or thousands more.

REAL Scanner Software

Beyond the easy to use, window-menu based set up, ST PictaScan software gives you extraordinary power. Set it to scan only parts of a page... large or small. View your scans on color or monochrome systems. Load in raw scan data and manipulate it until it looks the way you want it to look. Grab a section and enlarge it. Distort it. Move it around to a different position on the screen. Is the picture too light or dark? ST PictaScan software adjusts your monochrome picture to 10 different levels of brightness. Color gives up to 8 gray scale representations. When you have it the size, position and shade that you want, save your picture in DEGAS format for easy use with Publishing Partner.

REAL Scanner File Format

ST PictaScan creates raw data files which allow you to take full advantage of it's high resolution. Store every dot of your scans in files 100s of kilobytes in size. You can always go back to this raw data file to modify or change to a new picture to save in DEGAS. The ability to store scans in such files will become especially valuable in laser printouts and desktop publishing. Such resolution results in near half-tone quality when printed with a laser!

REAL Scanner Hardware

ST PictaScan places a true optical sensor (no cheap fiber optics) right up

against the image to be scanned. It clamps firmly to your printhead to assure steady and proper alignment. You don't have to remove your tractor feed and you may not have to remove your printer ribbon... depends on your printer. ST PictaScan is no "bare-board" affair, either. It's completely housed and shielded (the FCC likes that)... a finished product. Mounting to various printers is easy. A generic mount is included. And, instructions tell you how to construct a mount if the generic one doesn't fit. Finally, ST PictaScan won't tie up your cartridge port. It attaches to your joystick port. This is more convenient, more attractive, and allows

the full 6600 samples per second available through the joystick port.

UN-REAL Price & Terms

You'd pay 100s and maybe thousands of dollars for a commercial scanner with these features. What do we ask? **\$149.95...** complete with ST PictaScan, Software, a 23 page instruction manual, and printer mount! On top of that we guarantee you'll love it. Our 10-day hardware trial applies. So if you don't like it, you can send it back in new condition for a refund. You don't have to live without a REAL scanner anymore! Order ST PictaScan today!

220-420 ST PictaScan 3 lb. \$149.95



Photographs



Line Art



Logos



Med Resolution Color



Hi Resolution Monochrome

No More Closing, Opening, Closing and Re-Opening

Access Programs As RAM Resident Accessories

ST Juggler Gives Convenient Access To Several Programs

Review by Eben Brown

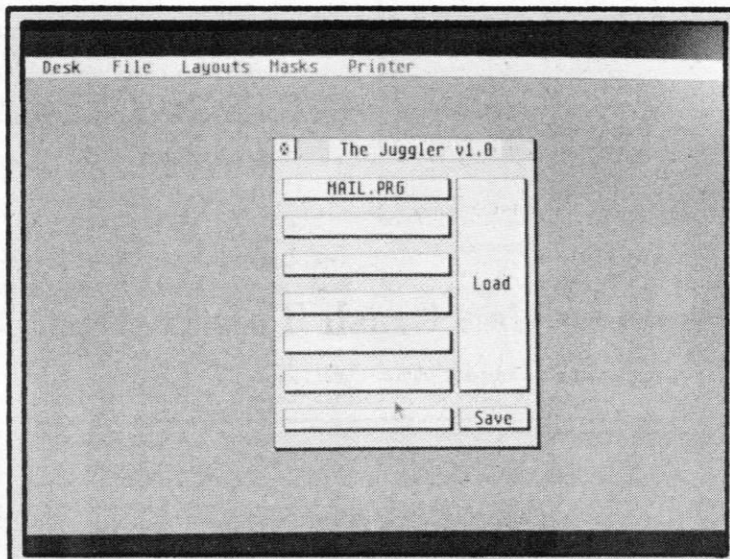
While working on your word processor, you can quickly look up an address in your database, check some figures in your spreadsheet, and return to where you left off on your word processor. This new ST Juggler utility allows up to 7 GEM programs to be loaded and run in memory. Access them as accessories from within any application.

Let me clarify that: you don't have to close, open, close, and re-open to go from one program to another!

ST Juggler works with programs having the .PRG extension as well as those with .TOS, AND .TTP. Put that extra memory to use by having several programs in it at a time. Order ST Juggler today!

250-111 ST Juggler 1 lb.
List \$49.95 Our Price \$29.95

Order Toll Free
800-322-4405
Orders Only, Thanks!



Make Use Of That Cartridge Port!

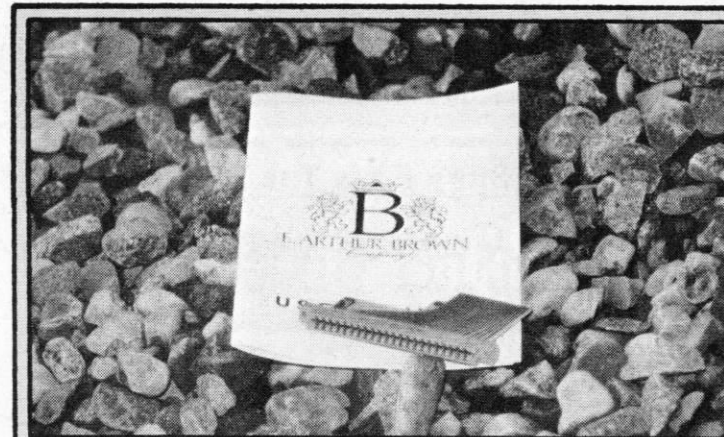
ST Cartridge Port Adaptor

Build Custom Cartridge Projects!

Just in from Jeff Schmoey are these great Cartridge Adaptor Boards. They adapt the non-standard Atari cartridge connector to a standard 44 pin .156 spaced edge connector. This allows you to direct connect Radio Shack prototyping boards of your own design.

Others have used these adaptors in designing RAM disks and clock cards as well as other projects. If you're into building your own electronics, order our ST Cartridge Adaptor today!

234-400 ST Cartridge Adaptor 1 lb. \$14.95



Interface Your ST To The Real World.

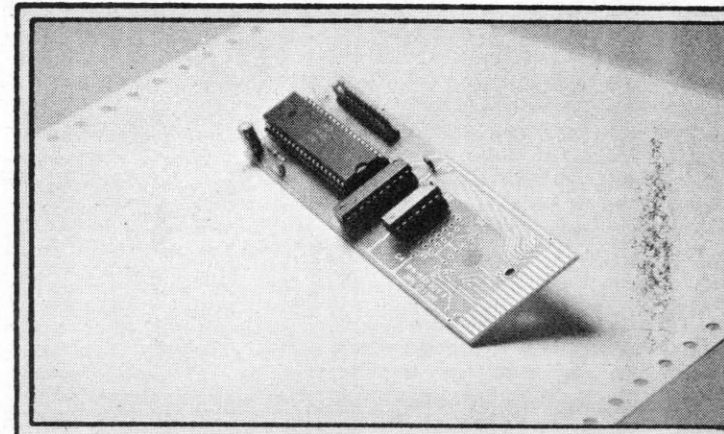
Our new ST 24 Bit I/O Board is a general purpose TTL level input and output device. It can be software configured for either 24 bits of individually selectable input and output or 16 bits of I/O and 5 levels of prioritized interrupt inputs. You can connect up to 8 of these boards to your Atari ST at once... as they are individually addressable. Connection is through the ST cartridge port with no interference to other peripherals.

Designed by Jeff Schmoey (He also did our ST Cartridge Adaptor Board), the ST 24 Bit I/O Board provides Atari ST users with a great deal of interfacing power. The instruction manual is written to give hardware and software details of the process. An interesting thing about the board is it's ability to WRITE to the cartridge port. The Atari ST memory management unit sets the cartridge port up as READ ONLY and normally any attempt to write to it

bombs. The 24 Bit I/O Board essentially fakes a READ so that a WRITE can be done. Yes, even your Atari ST can be fooled!

The instructions include a description of the hardware, software operating tips, memory map, and software examples. If your into interfacing your ST for fun or profit, order the ST 24 Bit I/O Board today!

234-401 ST 24 Bit I/O Board 2 lb.
Our Price \$49.95



New Breakthrough ST Accessory!

Introducing: Flexcessory!

Loads/Dumps Functions/Utilities Without Rebooting or Quitting Resident Applications

Review by Kurt Casby

(Eb's Note: Kurt Casby and Paul Franson are the design team at Insight Software. They're the same outfit that did the software for our highly successful ST PictaScan scanner. When Kurt offered to write the catalog description for their new Flexcessory!, I thought it would be a rare opportunity for our customers to see what an actual programmer thinks of his product. What follows is Kurt's description with only minor editing on my part.)

Every ST owner who has had his machine for more than a week knows how handy desk accessories are. Every ST owner who has had his machine for more than a month knows what frustrations they can bring!

For example, have you ever noticed

that you never seem to have the right desk accessory loaded at the right time? And even worse, there's nothing you can do about it! The only way to load an additional desk accessory is to do a complete re-boot. Have you ever had all six accessory slots filled, and needed a seventh? No way, right? Have you ever had your big, multifunctional desk accessory loaded and then had an application tell you that there is not enough RAM? (Some desk accessories use 150k or more.) They suggest you re-boot without any desk accessories since the only way to unload a desk accessory is a complete re-boot. Have you ever gotten tired of re-booting? Have you thought of giving up desk accessories altogether? Well don't!!!

Announcing: Flexcessory!

Using only one desk accessory slot, and less than 64k of RAM, Flexcessory! provides a ram disk, print spooler, corner clock, and slots for up to fifteen additional functions! Flexcessory! may be configured to load as many, or as few functions as you desire at boot-up, and you may load or unload functions at any time, even from within an application! That's right! Load what you want when you want it, and unload it when you don't... without re-booting!

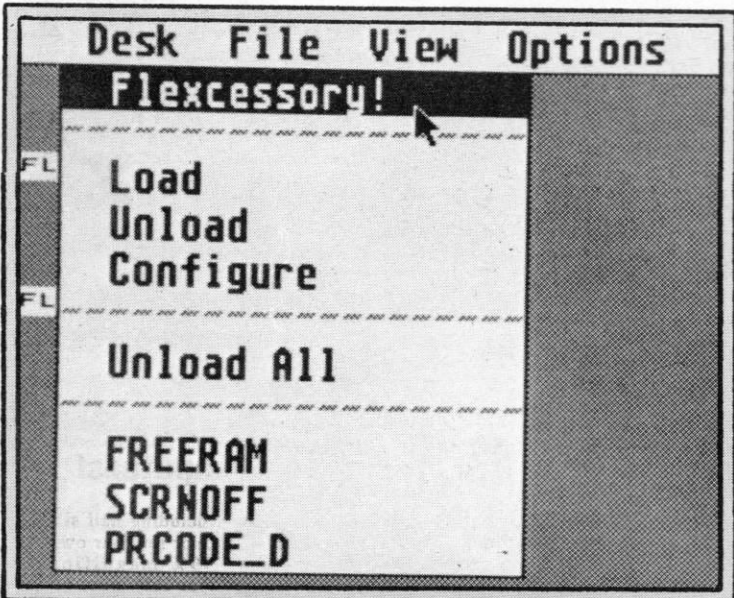
For maximum flexibility, these functions are actually .PRG, .TOS, or .TTP programs rather than the style cramping .ACC variety. They can run directly from the desktop as well! Among the functions included with Flexcessory! are replacements for the 'Control Panel', 'RS232 Configuration', 'VT52 Emulator', and 'Install Printer' accessories; as well as calculators, formatting utilities, a notepad, disk utilities, and more.

This unique design allows Flexcessory! to load and run many of your favorite utility programs as well. For example, I prefer to format my disks with the famous 'TWISTER.PRG' (not included with Flexcessory!). Normally, since Twister is not a desk accessory, I couldn't use it without returning to the desktop. Using Flexcessory!, I can now run Twister even from within my word processor or other application!

Flexcessory! Breakthrough accessory plus over a dozen utility programs, all on one disk for one low price. A quantum leap in accessory utility and value! Just \$29.95.

(Eb's Note: Flexcessory! comes with a pack of utilities. If you desire even more, I suggest Tailgunner's Picks Disks Utility.001 & Utility.002. Order Flexcessory! Today!)

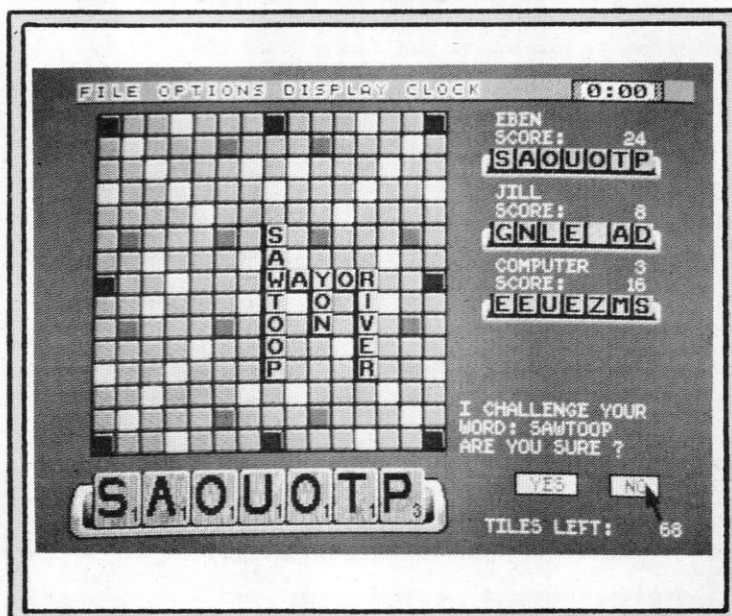
127-410 ST Flexcessory 1 lb. \$29.95



For Atari ST

Computer Scrabble

Classic Game Computerized



Review by Eben Brown

If you've ever sat around a Scrabble board making up words with friends, you know how much fun it can be. Now that classic game has been computerized for the Atari ST! It automatically tells real words from fakes with a 23,000 word dictionary. And, if all your friends are busy, it'll provide you with some computerized opponents in whatever skill level you specify.

One of the neat features of ST Scrabble is the "Thinking" mode. This mode automatically figures the score for words that are under consideration.

When you see your score, you have the option to accept that word or try another. If the computer doesn't recognize your word from its dictionary, it'll challenge you. If you're sure it's a real word (or if you cheat like I do), you can use the word. If you play honest, the computer will remove the word and you lose that turn. Scrabble is so much fun when played on your Atari ST. Order your copy today!

212-247 ST Scrabble 1 lb.
List \$39.95 Our Price \$29.95

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We're constantly pruning our Computer Enthusiast Catalog: Taking out slow sellers to make room for new and unique products. Or, just taking out products that have been selling fine, but that everybody already knows about. These, and other "no description" products can be found in our complete product/price list elsewhere in this catalog. Our goal is to make every catalog an exciting new shopping experience. If you know of a product we should be selling, please let us know about it. If we add it to our line, we'll give you a free one.

Star Fleet... Continued

Empire...

War Game Of the Century

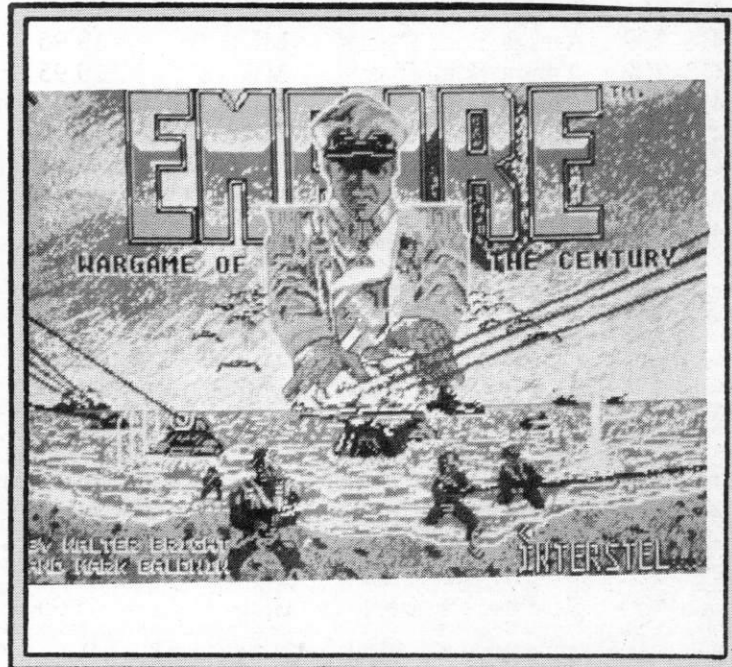
The evil Krellans are threatening to eliminate all life on a small but significant planet in Alliance (good guys) controlled space. As the leader of a special task force, you are the only hope for this civilization. And, the plan is to unite the planet into one super powerful... EMPIRE! Like the original Star Fleet, EMPIRE offers a host of features. It's a Real strategy game for 1-3 human or computer players.

Computer players use advanced Artificial Intelligence. Battles are fought in the air, on land, and at sea... even undersea. You have at your disposal: Armies, fighters, submarines,

destroyers, aircraft carriers, battleships, cruisers, and even troop transports. You can save and resume games later. You can adjust the difficulty level. Hidden movement makes locating your enemy a challenge. A Customizable "World Building" feature is essentially limitless. 30 commands. Even a play by mail feature.

EMPIRE will challenge and entertain you. It plays in both color and monochrome for Atari ST and Amiga computers. Order today!

212-245 ST Empire 1 lb.
212-350 Amiga Empire 1 lb.
List \$49.95 Our Price \$34.95



3-D International Soccer

Realistic 3-D Players, Moving Arms and Legs

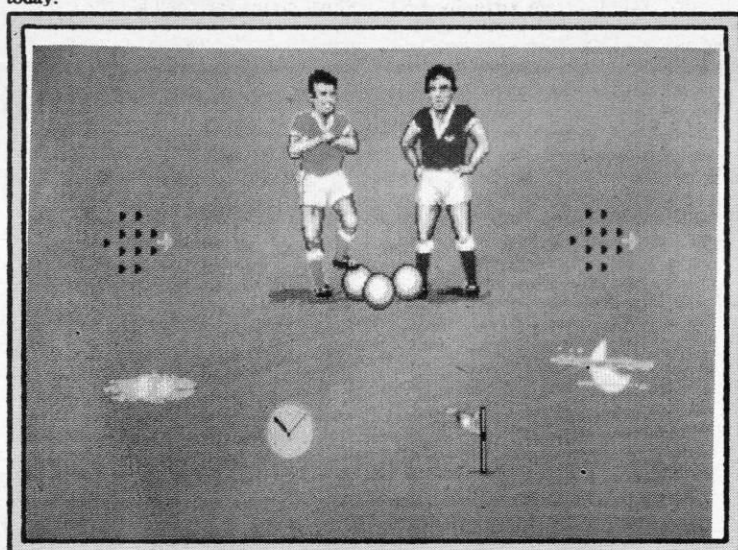
How many times have you seen a glorious picture of a computer game only to be disappointed with the graphics after you bought it? Not so with International Soccer. Your view of the playing field is from the side angling down... giving a full perspective depiction of the players' positions as well as their bodies. When you go forward to dribble the ball, your player's legs move, arms swing, etc. The defender does his best to shadow every move, etc.

Okay, so the graphics are really nice! So is the play. You can pit your team against the computer's team, or play against a friend. Each of you controls his team by joystick. You most directly control the player that is either dribbling the ball or defending against a ball dribbler. When you pass to another player, you become that other player.

International Soccer isn't one of those games that you merely set up some conditions and watch the results play by themselves. You are actually on the field changing directions, passing, taking shots, and evolving with the game just as you would on a real soccer field. It's

really a KICK to play (pun intended). Order your own International Soccer today.

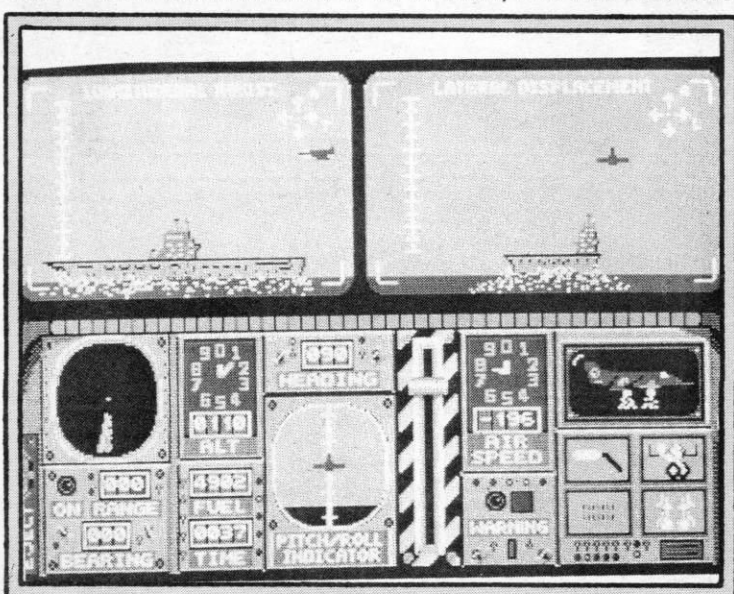
250-350 ST International Soccer 1 lb.
List \$39.95 Our Price \$23.95



Harrier VTOL Simulator

Simulates Famous Hovering Supersonic Fighter

Ever since I saw the British Harrier at an air show, I've been fascinated.



Imagine: A supersonic jet fighter that's capable of Vertical Take Off and Landing... just like a helicopter. This new Harrier Mission combat and flight simulator does a remarkable job of showing you what it's like to fly the Harrier. You take off vertically from an aircraft carrier, gradually rotate the jet nozzles rearward to increase forward speed, and fly it as supersonic attack fighter. It has radar screens, heat seeking missiles and machine guns for armament. But, you'll need to maneuver skillfully and release "chaff" to avoid being hit by incoming missiles.

Landing takes considerable skill... as it does with the real Harrier. You have to slow the craft down while at the same time rotating the jet nozzles to convert it back into a hover-able craft. And of course, landing on the pitching deck of an aircraft carrier is no picnic even for conventional planes.

With 6 skill levels and one practice mode, you'll never run out of challenges to your hand, eye, and mind coordination. Order Harrier Mission today! 587-712 Amiga Harrier Mission 1 lb. List \$24.95 Our Price \$17.95



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COMPUTER :1040ST, 520ST, 130XE, 800, printer, etc.
OFFICE :Telephone, pencil, pad, ink, stamp, etc.
MUSIC :Piano, guitar, notes, staff, violin, etc.
SCHOOL :Books, crayon, chalkboard, milk, apple, etc.
TRAVEL :Plane, train, ship, luggage, tickets, etc.
TRANSPORT :Cars, trucks, gas pump, keys, bus, etc.
DISK 2:
BUSINESS :Dollar bill, coins, sold sign, price tag, etc.
SPORTS :Football, bowling, baseball, golf, etc.
ANIMALS :Cat, dog, horse, cow, pig, chicken, etc.
PARTY :Birthday, New Years, Halloween, etc.
RELIGIOUS :Cross, menorah, church, Torah, crucifix, etc.
DISK 3:
FOOD :Knife, fork, spoon, hot dog, soft drink, etc.
BORDERS :Assorted borders
OLD WEST :Cowboys, guns, saddle, boots, wagon, etc.
MEDICINE :Stethoscope, needle, chart, nurse, etc.
NEWSLETTER :Graphics for Atari club newsletter.

- DISK 4:**
HANDS :Hands holding, shaking, praying, writing, etc.
TOOLS :Hammer, saw, screwdriver, wrench, tape, etc.
PIRATES :Skull & crossbones, map, ship, treasure, etc.
SEASONS :Flowers, rain, clouds, snowman, birds, etc.
AMERICA :Statue of Liberty, flag, Liberty Bell, etc.
PERSONAL :Shoes, tie, comb, brush, pipe, purse, etc.
DISK 5:
THEATER :Camera, clapboard, tickets, marquee, etc.
CORNERS :Assorted corners
ZOO :Giraffe, lion, elephant, tiger, etc.
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SPECIAL :Atari 1040ST, Mega ST, SLM804, Amiga A500, A1000, A2000, more.

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SL - Soft Logik Publishing, MI - Magnetic Images

Publishing Partner...\$53.95

Typesetting & Page Layout On The Atari ST

Review by Eben Brown
 Old Habits die hard but it's true: We're phasing our Macintosh publishing system out and Atari ST/Publishing Partner/DTP Printer system in. This article is an example. I wrote it on Regent Word II, imported it into Publishing Partner, set it all up for proper type fonts and sizes, and printed it on our 24 Pin DTP Printer and an NEC P6. The Atari ST Desk Top Pub-

lishing capability is definitely up to serious business standards!
 The center of this capability is owed to the remarkable Publishing Partner program. It's a complete type-setting and page layout system. Do everything (and see it) on your Atari ST screen. Then print it out to your dot matrix printer or our 24 Pin DTP Printer. If you want even better finished copy, you

can mail your Publishing Partner documents (on disk) to a service that will laser or Linotron print them. Using Publishing Partner is easy. Type your text directly into it or import it from your word processor. Use your mouse to click and drag columns to the correct size. Or use a set up routine to make several pages of the same column format. Make several columns on one page. Enter text in non-columnar format and move it around with your mouse... get it just the way you like it. Draw lines of variable thickness around your text. Create boxes and fill them with graphic patterns. Import line art and PictaScan images in DEGAS format. Adjust type size to fit. Set spacing for proportional by character or by word. The list of what you can do goes on and on...

How good are the results? Mail order Linotron printing gives photo typeset quality at \$10 per page. Mail order Laser Writer printing gives near photo typeset quality at \$2 per page. Our 24 Pin DTP Printer gives near laser quality and you can afford to own it. And finally, Epson graphic compatible 9 pin printers give quality rivaling Macintosh MacWrite on the Apple Image Writer.

Our price on Publishing Partner has been drastically reduced. Our prices for add-on font and clip art disks are also real reasonable! So, you have no excuse for putting it off... Order Publishing Partner today!

413-400 ST Publishing Partner 2 lb.
 List \$89.95 Our Price \$53.95



For Amiga and Atari ST

Partnr. Pro Beats Pagemaker

The Best DTP Software... Written For The Best Computers!

Review by Eben Brown

Those wizards at SoftLogik have outdone themselves again. The all new Publishing Partner Professional (PPP) has features that surpass even the famous Aldus Pagemaker. That's right! To begin with, text automatically flows around any irregular shaped graphics to give you a professional look without a professional headache! You can create super crisp looking paragraphs with auto-hyphenation, auto kerning, user definable kerning pairs, and auto leading control right down to increments of 1/3600th of an inch! (Pagemaker only goes to 1/2 a point.)

Import graphics from virtually ANY art program and print them in color or shades of gray. Or draw your own with PPP's complete graphics toolbox. There's even a spelling checker to proof read your work. You can import text

from pretty much all word processors. And, you can print out to pretty much any printer. Drivers for dot matrix and laser printers are included with PPP at no extra charge!

A Search and Replace feature lets you change a particular word or phrase throughout a document automatically. And if you're not artistically inclined, there's even a set of pre-made style sheets on the disk to make your work look good. Publishing Partner Professional font point sizes go from 1/50th of a point to 1310 points in 1/50th of a point increments. And they're scalable... which means you don't get the staircase effect on curved surfaces. (Pagemaker gives only 4-127 points in 1 point increments.)

Viewing your work is as flexible as you need it to be. Use one of six pre-set

viewing sizes (including half size, full page, 200%, etc.) or set your own view from 15 to 999% magnification! (Pagemaker offers only 5 set viewing magnifications). And, you can open multiple windows with different documents or different pages.

There's only one conclusion to all of this wonder: Publishing Partner Professional BEATS Pagemaker! Which means that you not only have the best computer of all possible worlds... you also have the best desktop publishing software. We hope to ship Publishing Partner Professional by the around the end of April. Order today!

413-420 ST Pub. Partner Prof. 3 lb.
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 List \$199.95 Our Price \$119.95

A Software Solution To The "Video Box"

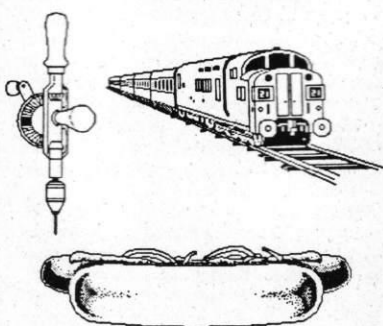
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Monitor Specific Programs Can Now Run On Both!

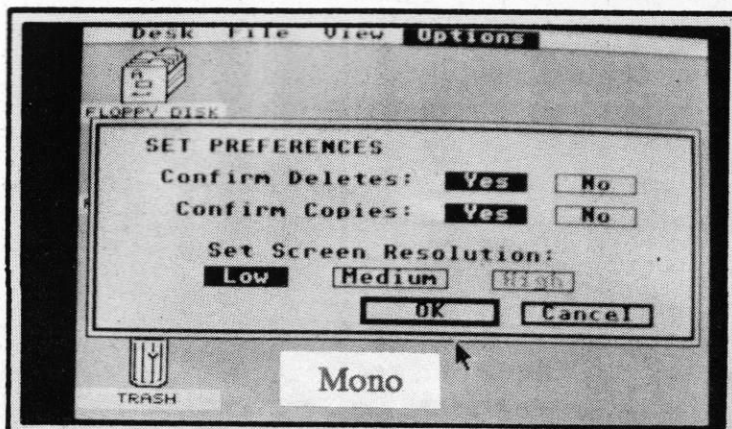
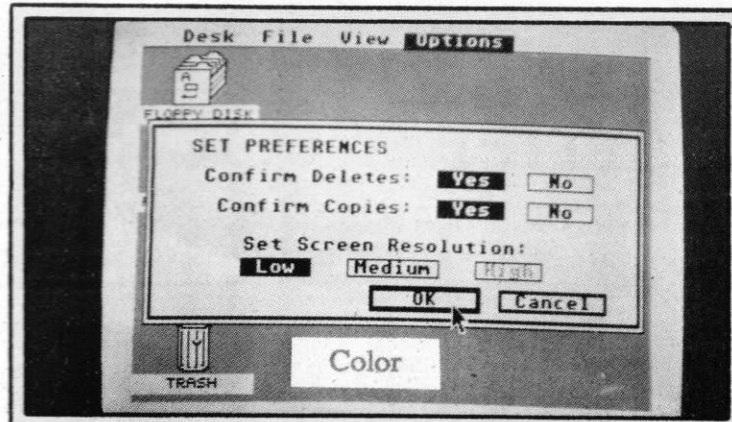
Review by Eben Brown

How do you run a color game if you only have a monochrome monitor? Use our ST OmniRes software to convert your monitor to low or medium resolution! How about running a monochrome program if you only have a color monitor? Same thing! ST OmniRes renders a monochrome image on your color monitor! Here's how it works: Install ST OmniRes in an AUTO folder and then use that disk to boot your computer. Before your desktop appears, ST OmniRes will give you several choices for the type of resolution and gray scale interpretation you wish to use. Then, your desktop will appear in the resolution you selected. You can click and run your programs without concern for the type of monitor you have!

We mistakenly advertised a similar but not-ready-for-market product called the Video Box last Fall. ST OmniRes is completely different, designed by completely different people, and most importantly: READY TO SHIP! Don't



you without good software just because you have one or the other monitor. Order ST OmniRes today! 127-666 ST OmniRes 1 lb. \$29.95!



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Aerial Combat Insanity

It May Drive You Over The Edge!

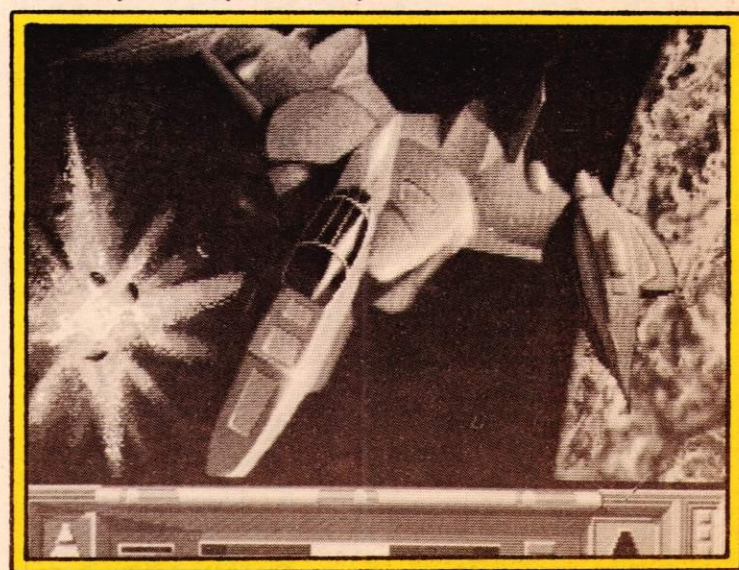
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lose! As you blast away the enemy, you gain points. And, for every 1500 points you receive another fighter. The object is to last as long as possible and accumulate as many points as you can. It won't be easy but, it sure will be fun!

The animated graphics are superb as are the sound effects. Work off some of your day's frustrations while approaching insanity in aerial combat... Order *Insanity Fight* today! (Color)

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